

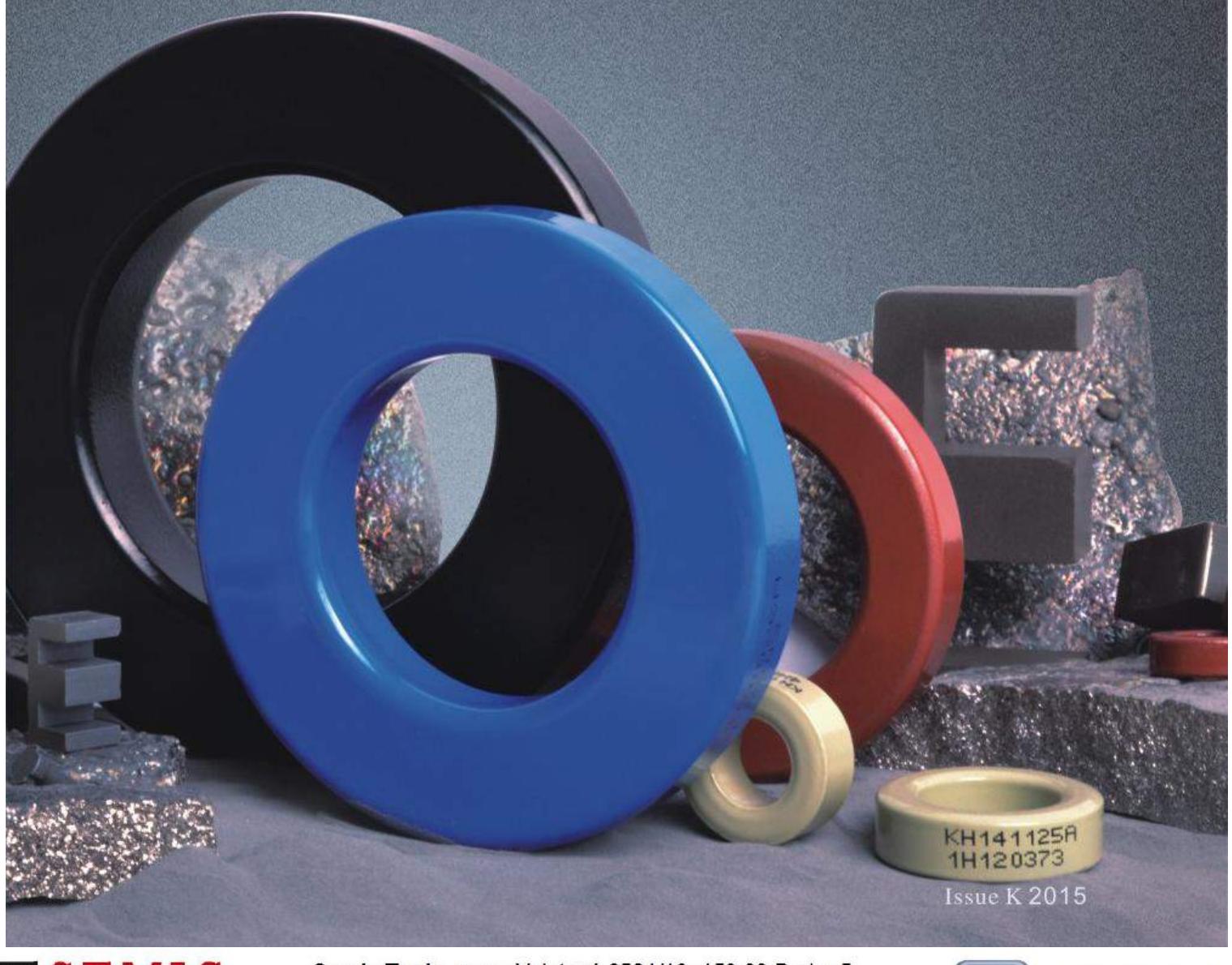


Magnetic Powder Cores

Sendust
Nanodust™
Low Cost Si-Fe

MPP
Neu Flux®
Super Sendust

High Flux
Si-Fe®



KH141125A
1H120373

Issue K 2015



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Magnetic Alloy Powder Cores

General Information

Magnetic Characteristics

Standard Toroidal Series

General Information



Sendust Cores

Sendust Core is made from 6%Al, 9%Si and 85%Fe. It is mainly used to replace iron powder core as its core loss is 80% less than the powdered iron, so it can be applied with the frequency above 8kHz. Sendust core has a saturation flux density of 1.05T and permeability from 14 to 125. The nearly zero magnetostriction alloy makes sendust ideal for eliminating audible frequency noise. Sendust core also has better DC bias characteristics than MPP and the best cost performance. It is mainly applied in AC inductor, output inductor, in-line filter, power factor correction inductor etc. It can also be used as transformer core in some circumstances.



High Flux Cores

High Flux Core is made from 50% Ni and 50% Fe. It has a saturation flux density of 15000Gs and permeability from 14 to 125. Among all the kinds of magnetic powder cores, High Flux has the highest flux density and also the best DC bias characteristics. Its core loss could be smaller while the price is cheaper than MPP. It is mainly applied in in-line filter, AC inductor, output inductor, power factor correction circuit, etc.



MPP Cores

MPP is made from 81%Ni, 2%Mo, 17%Fe. It has a saturation flux density of 7500Gs and permeability from 26 to 125. Among all the kinds of magnetic powder cores, MPP has the lowest core loss and the best temperature stability, naturally its price is the most expensive. The nearly zero magnetostriction alloy makes MPP Core ideal for eliminating audible frequency noise. It is mainly applied in high Q filter, LC circuit for high temperature stability, output inductor, power compensation circuit, etc.



General Information



Si-Fe® Cores

Si-Fe® Core is made from 94% Fe and 6% Si. It has a saturation density of 16000Gs and permeability from 14 to 90. Si-Fe® Core is a kind of high temperature material with no thermal aging problem. It has lower core loss and superior DC bias performance. Si-Fe® Core also has excellent temperature stability and high energy storage capability. Si-Fe® Core is mainly used in PFC circuit, power inductor, etc.



Neu Flux® Cores

Neu Flux® Core is a new generation alloy powder core from KDM. The R&D Center of KDM started to develop it in April, 2008 and the mass production began in October, 2010. Neu Flux® Core is made from 85%Fe and 15%Si-Ni. It has saturation flux density of 16000Gs and permeability from 26 to 90. The core loss of Neu Flux® Core is nearly half of Si-Fe® Core and very close to High Flux Core. Its DC bias is also better than Neu Flux® Core and the same as High Flux Core. It can replace Si-Fe® Core to improve the efficiency of the products in high current applications, such as PFC Chokes and Power Inductors. It is also widely used in solar, wind energy, hybrid powered vehicles.



Nanodust™ Cores (KAM/KAH)

Nanodust™ Core(KAM/KAH Series) is a new generation alloy powder core from KDM. It is made from 85% Fe, 8% Si, 1.5% B, 3% Al, 1% Ni. It has a saturation flux density of 13000Gs and permeability from 26-125. Nanodust™ Core has low core loss, and excellent DC characteristics, no audible noise. Nanodust™ Core currently has two series, KAM series and KAH series. KAM Series core loss is same as MPP Core. KAH Series is an ideal low cost material to replace High Flux Core. It also can replace Amorphous Powder Core and effectively solve the problems of audible noise and temperature instability.

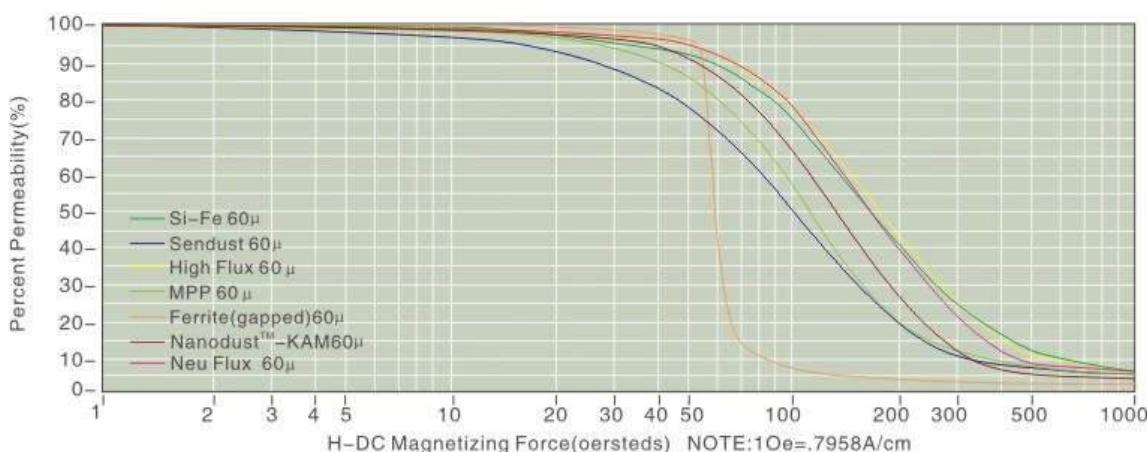
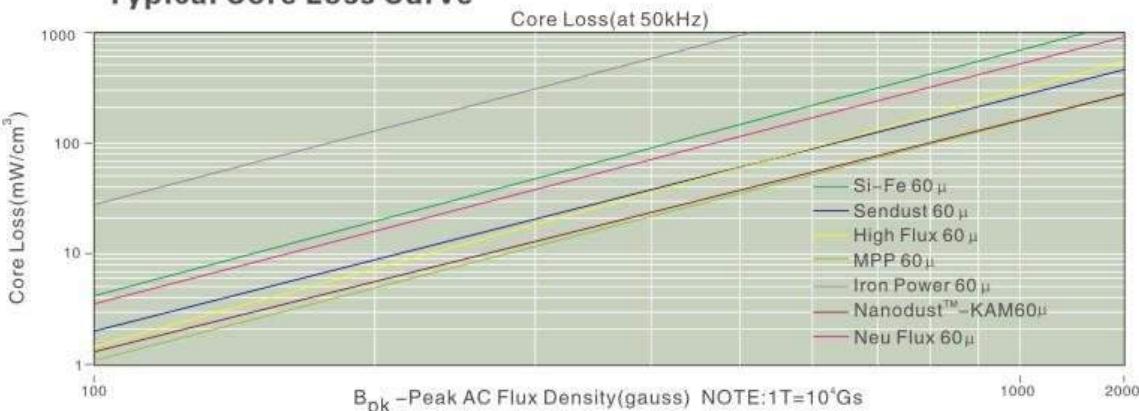
General Information

Basic Characteristics Reference Table

Core Materials	Core Loss	Perm.vs DC Bias	Relative Cost	Frequency Range	Curie Temp.	Flux Density (Sat.)	Temp. Stability
Sendust	Low	Good	Low	2MHz	600°C	10,500G	Good
Si-Fe®	Medium	Best	Low	1MHz	700°C	16,000G	Best
High Flux	Low	Best	High	1MHz	500°C	15,000G	Best
MPP	Lowest	Good	Highest	1MHz	400°C	7,500G	Best
Neu Flux®	Low	Best	Medium	1MHz	650°C	16,000G	Better
Nanodust™-KAM	Lowest	Better	Medium	1MHz	550°C	13,000G	Better
Nanodust™-KAH	Low	Better	Medium	1MHz	600°C	14,000G	Better
Iron Powder	High	Good	Lowest	2MHz	750°C	12,000G	Good
• Amorphous Powder Cores	Low	Better	Medium	1MHz	400°C	14,000G	Poor
• Ferrite(gapped)	Lowest	Poor	Low	1MHz	200°C	4,500G	Poor

All test results are based on permeability of 60 μ .

KDM does not manufacture Amorphous Powder Cores and Ferrite, above related data is for reference only.

Percent Change of Permeability vs.DC Magnetizing Force

Typical Core Loss Curve


General Information

TYPICAL PART NO. KS 106-125 A

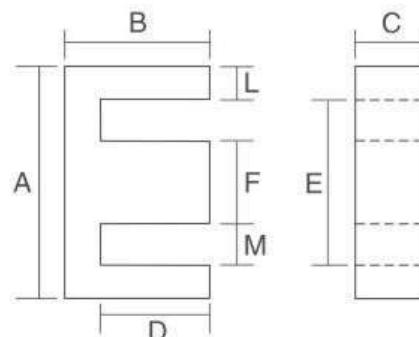
KDM _____
 KDM .Material Mix No. _____
 Size: OD in 100th inches _____
 Permeability(μ_r) _____
 Core Grading _____



OD: (Outside Diameter of Core)
 ID: (Inside Diameter of Core)
 Ht: (Height of Core)
 ℓ_m : (Mean Magnetic Path Length)
 A_c : (Cross Section Area)
 V : (Core Volume)
 W : (Window Area)

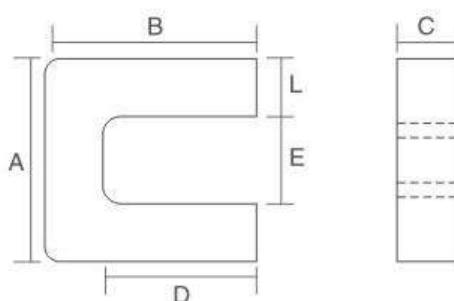
TYPICAL PART NO. S 43 17 E-060

Sendust Material _____
 Length: 43mm _____
 Width: 17mm _____
 E Core _____
 Permeability: 60 μ _____



TYPICAL PART NO. SF 41 41 U-E20-060

Sendust Material _____
 Length: 41mm _____
 Width: 41mm _____
 U Core _____
 Height: 20mm _____
 Permeability: 60 μ _____



KDM Material Mix No.

Mix No.	Material	Colors
S	Sendust	Black
H	High Flux	Khaki
M	MPP	Gray
SF	Si-Fe	Blue
NF	Neu Flux	Brown
AH	Nanodust Cores/KAH	Blue
AM	Nanodust Cores/KAM	Khaki

General Information

Surface Coating

The toroidal and bus bar cores listed in this catalogue are epoxy-coated. All finishes can resist most cleaning solvents. Extended exposures to certain solvents may have detrimental effects. The E Cores and the U cores are treated to resist corrosion. Coating is tested at 50Hz, 1250Vrms for 5 seconds to meet the minimum dielectric strength (Hi-pot test). The toroidal cores can be double or triple coated for greater dielectric strength.

Environment and Safety

KDM complies with the environmental protection and pollution prevention regulations. All products are in conformity to environmental protection and ROHS requirements. All materials pass the SGS test in order to meet customers' requirements.

Custom Shapes and Sizes

In addition to the specifications shown in this catalogue, KDM will gladly custom tailor shapes and sizes. Cores of any materials shown in this catalogue can be manufactured in a variety of heights without additional tooling charges. Please do not hesitate to contact us if you have any special requests. Machined samples can be offered to customers as prototype testing for preliminary evaluation.

Packaging Standard

KDM Part No.	Pcs/Box	KDM Part No.	Pcs/Box	KDM Part No.	Pcs/Box
K□025	40000	K□106	560	K□225	112
K□031	20000	K□107	672	K□226	96
K□038	12000	K□130	420	K□250	42
K□039	12000	K□131	504	K□268	42
K□040	12000	K□132	420	K□290	18
K□044	10000	K□135	300	K□300	63
K□050	6000	K□141	300	K□301	54
K□065	3000	K□157	175	K□400	25
K□068	3000	K□168	150	K□401	35
K□080	1296	K□184	120	K□520	9
K□090	1008	K□185	140	K□521	9
K□092	768	K□200	128	K□650	1

Carton Size: 300mm x 300mm x 130mm

General Information

Handling and Storage Considerations

KDM has a designated packaging for shipment to customers around the world. We recommend the cores remain in the original factory packaging and be sheltered from rain or high humidity since uncoated iron can eventually form surface rust. Magnetic powder cores tend to be heavier than many other products so special consideration must be given to the weight of the carton. Be sure not to stack more than 5 cartons in case of any damage at the bottom of the carton. The weight of our normal carton box is between 15kg and 20 kg. Please note that the cores are quite dense and the overall weight can be relatively heavy. Damage such as core chips or cracks might occur if the cores are dropped to the rough surface due to mishandling during delivery. Special consideration for electrostatic discharge is not necessary with magnetic powder cores since they have a "distributed air gap structure" and will not retain any electrostatic charges. Magnetic powder cores need to be placed where there is no metal shavings, oil, solvents, dirt, dust and acids.

Magnetic Tolerance

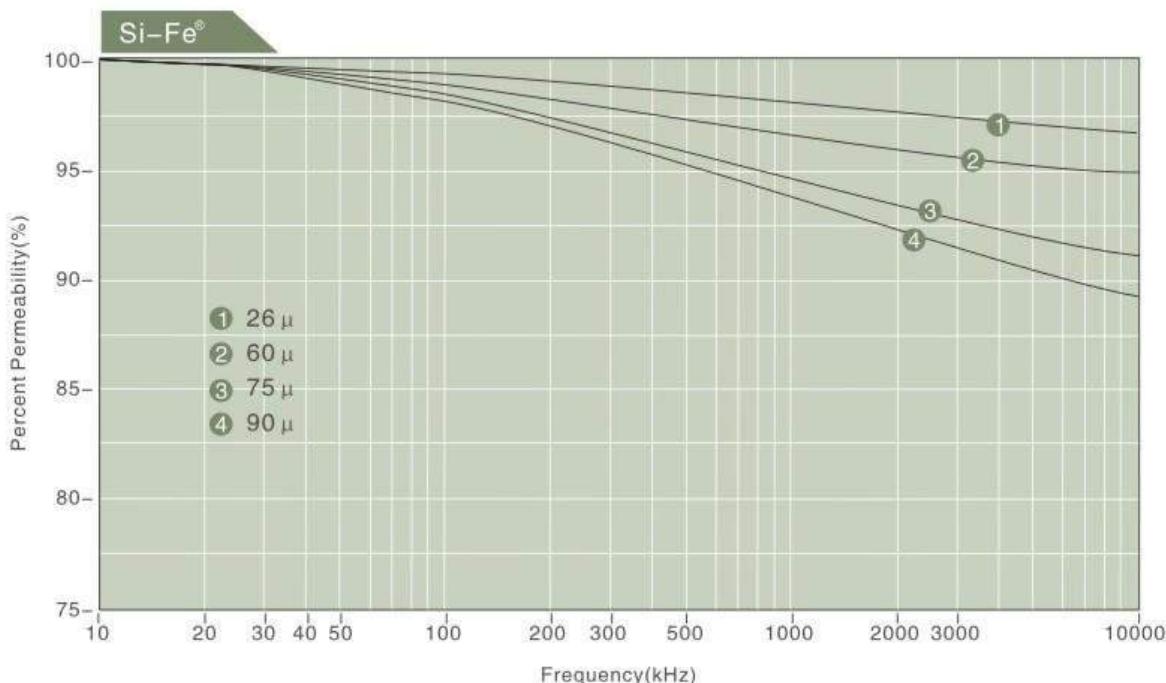
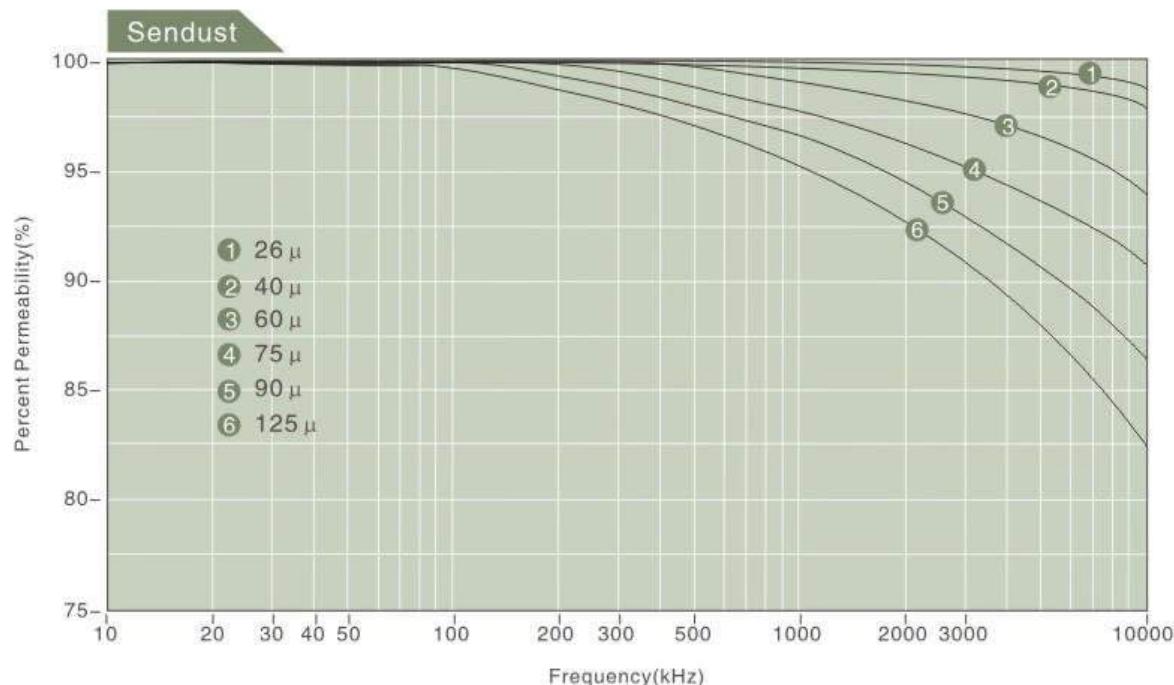
Typical inductance factor (A_L value) is tested under 1000 turns. The tolerance of apparent inductance for our standard cores is $\pm 8\%$. The magnetic characteristic curves shown have a typical tolerance of $\pm 10\%$, The curves on Core Loss characteristics have a tolerance of $\pm 15\%$.

Inductance Versus Turns

Turns	Actual Inductance
1000	+0.0%
500	+0.5%
300	+1.0%
100	+3.0%
50	+5.0%
25	+8.5%

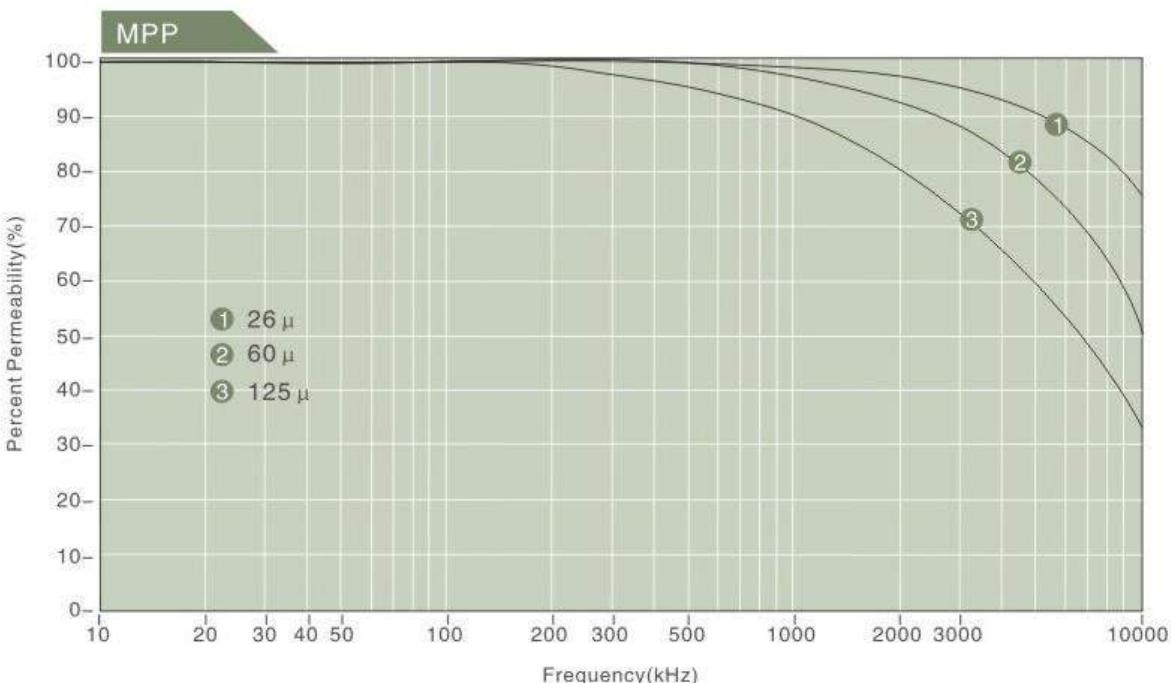
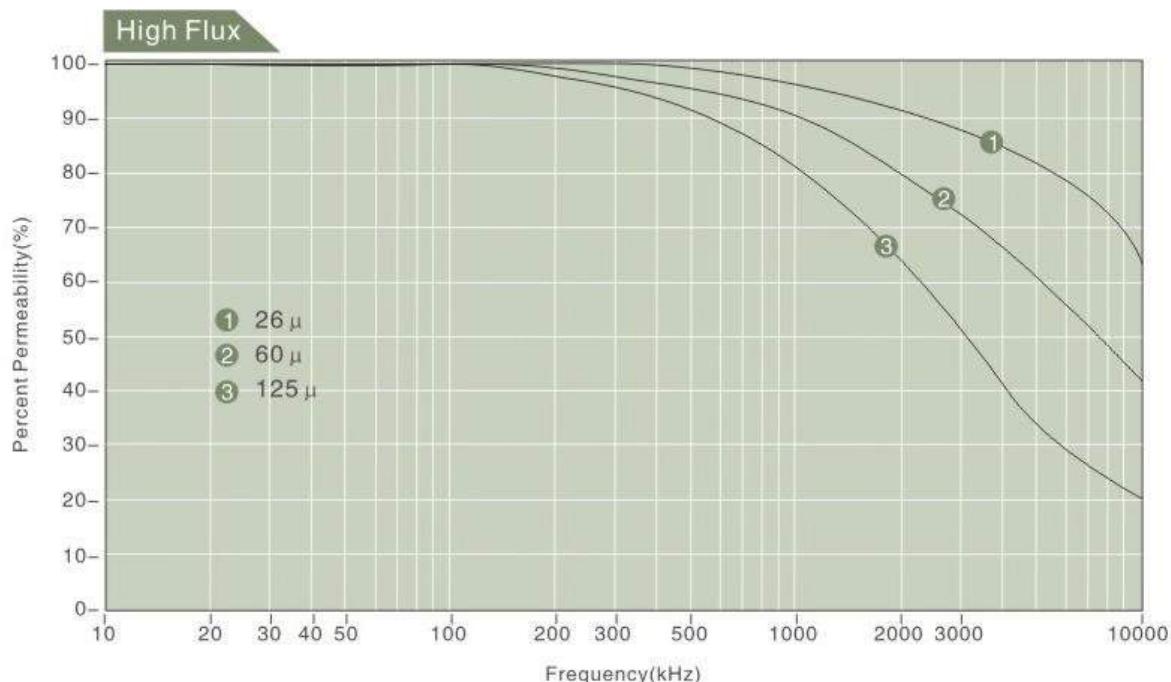
Magnetic Characteristics

Permeability vs .Frequency



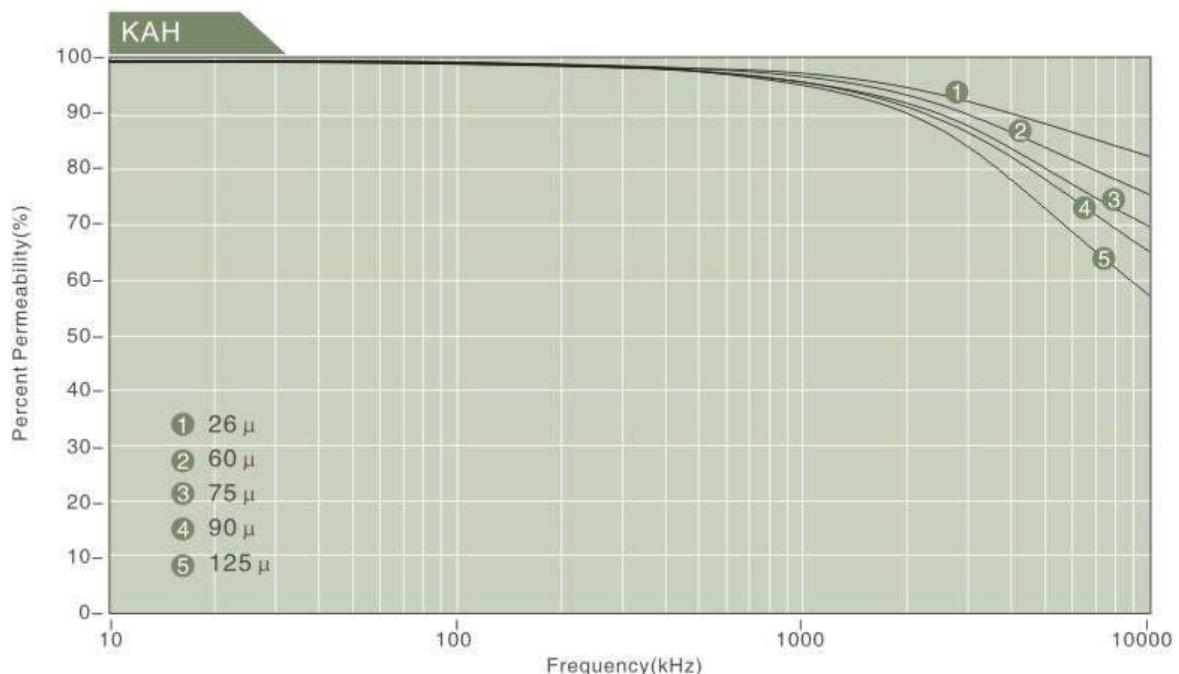
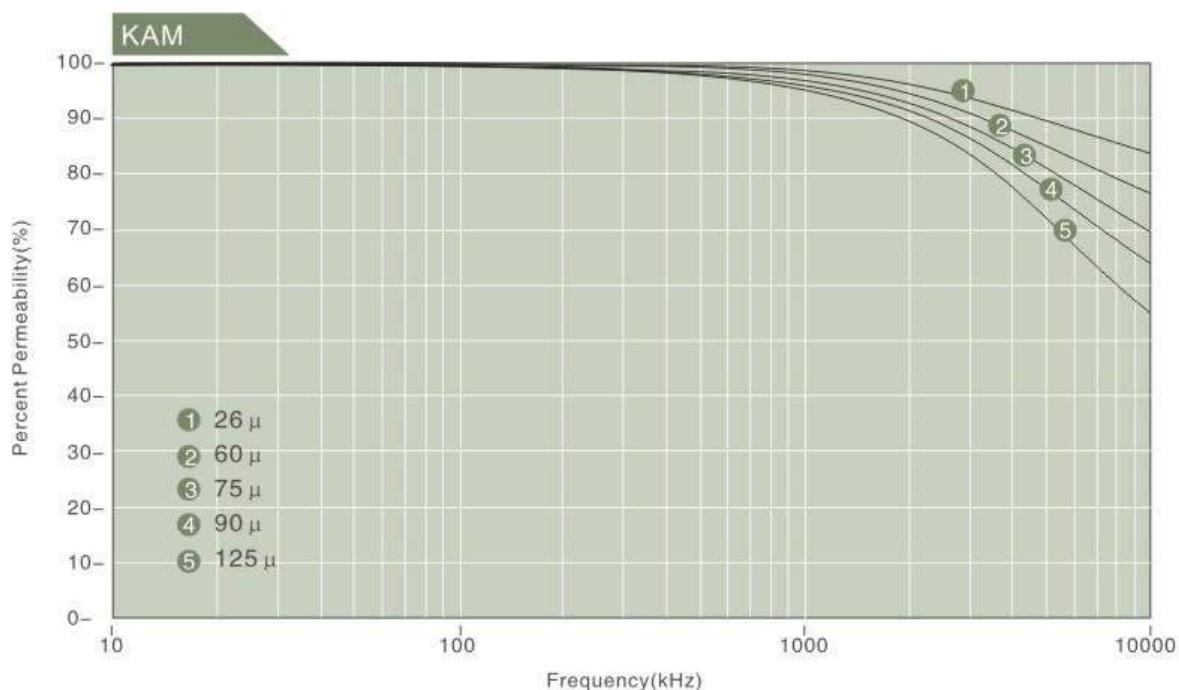
Magnetic Characteristics

Permeability vs .Frequency



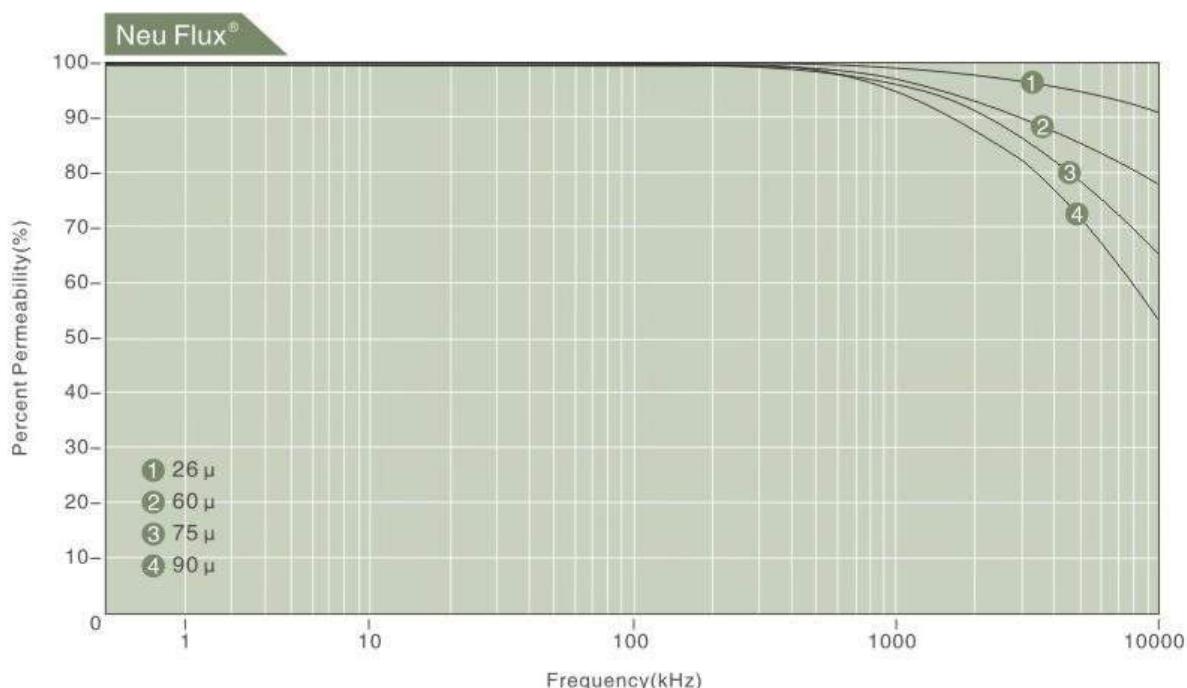
Magnetic Characteristics

Permeability vs .Frequency



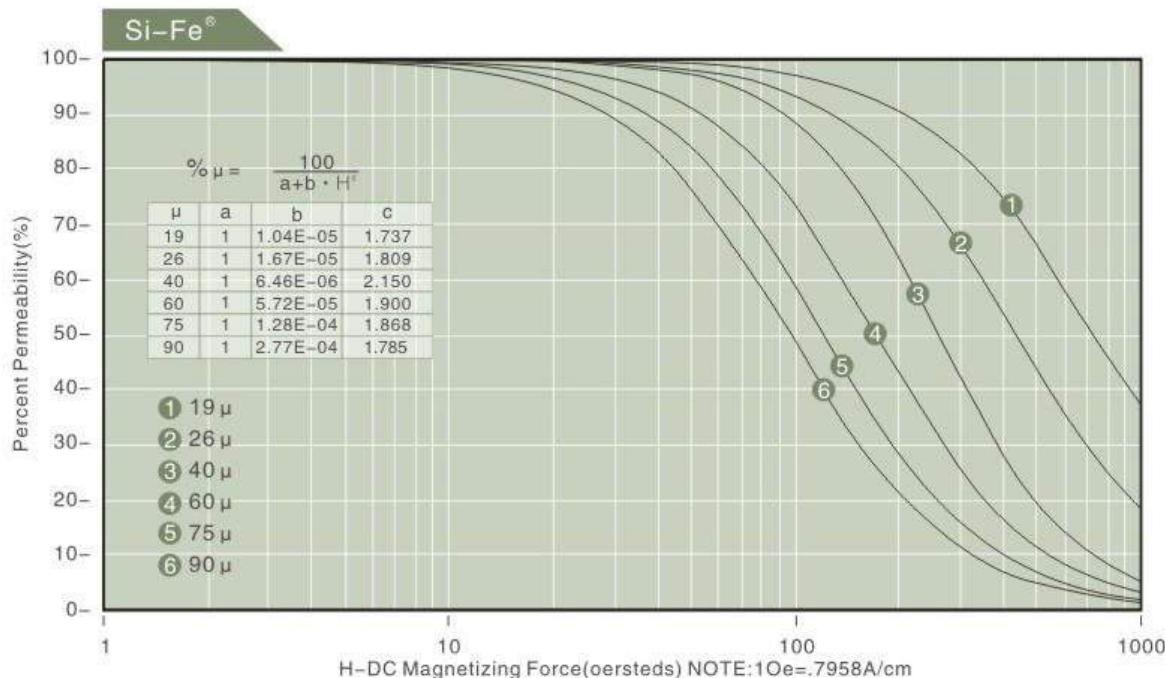
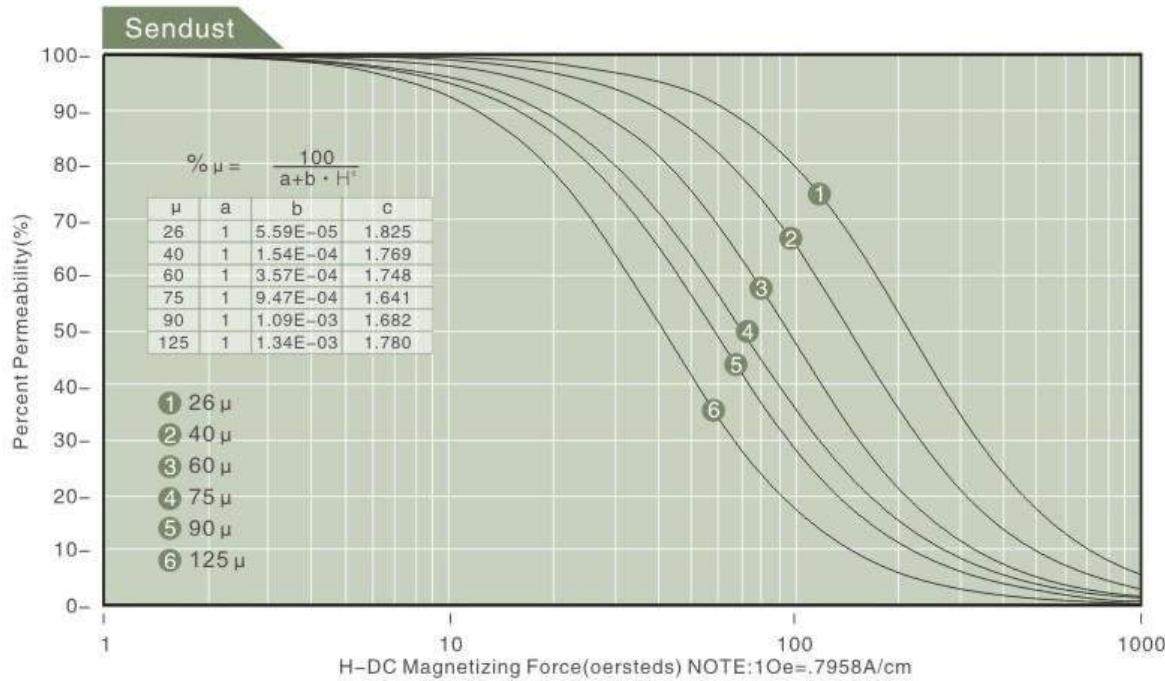
Magnetic Characteristics

Permeability vs .Frequency



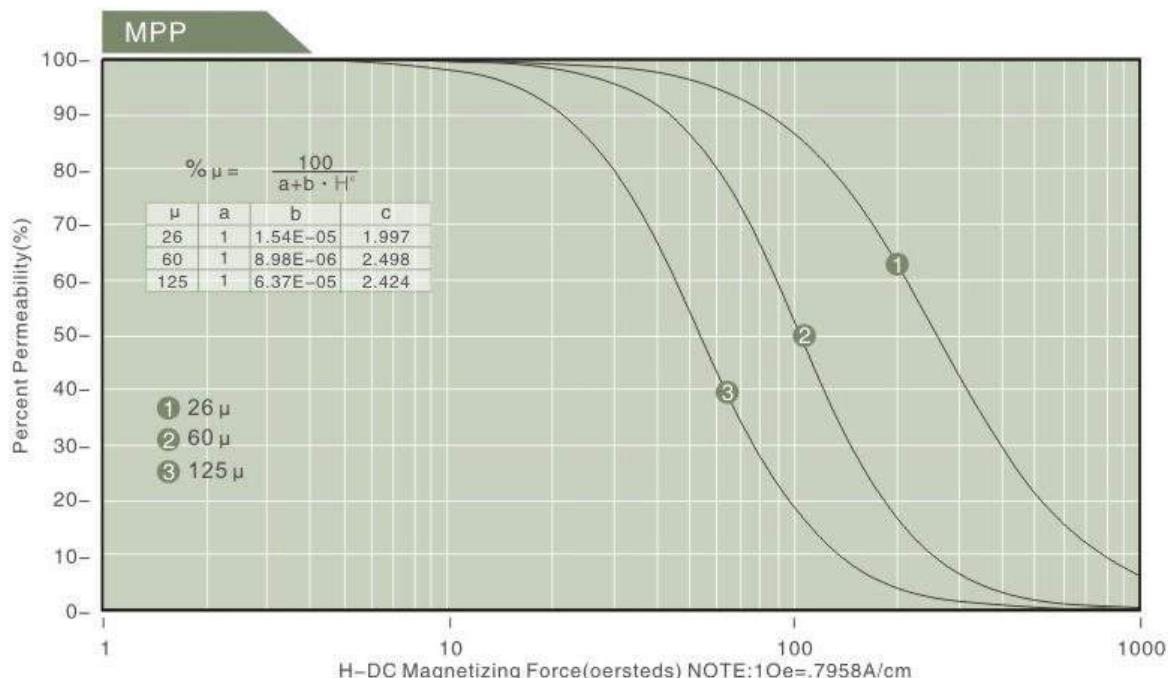
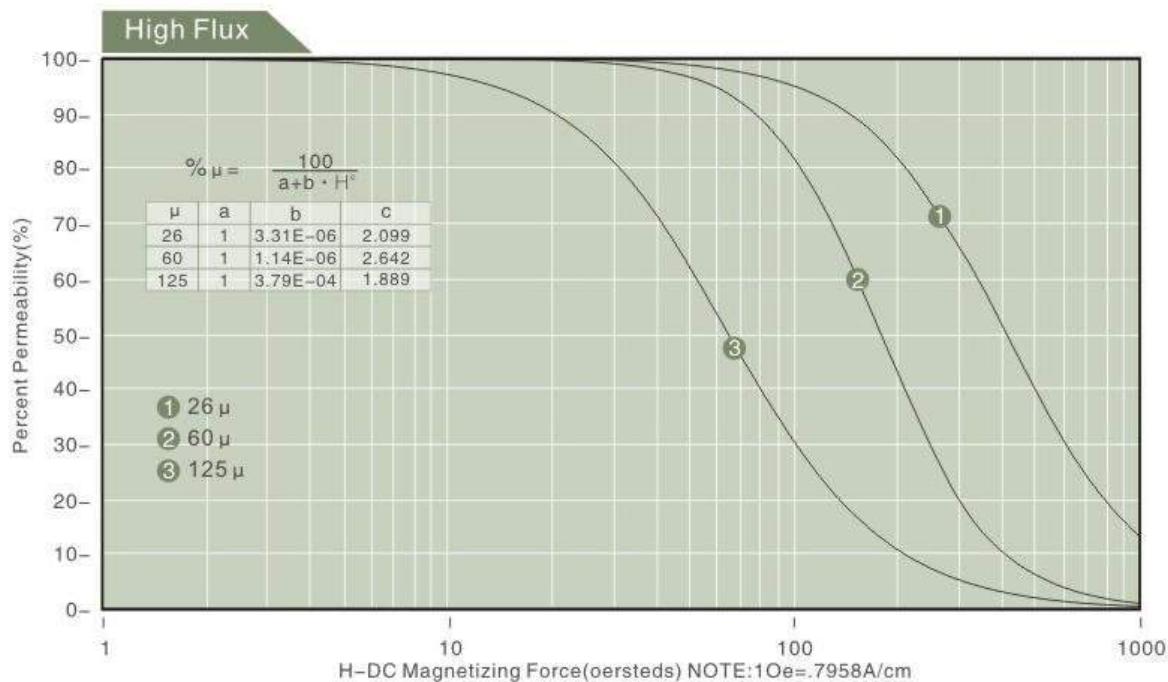
Magnetic Characteristics

Percent Change of Permeability vs .DC Magnetizing Force



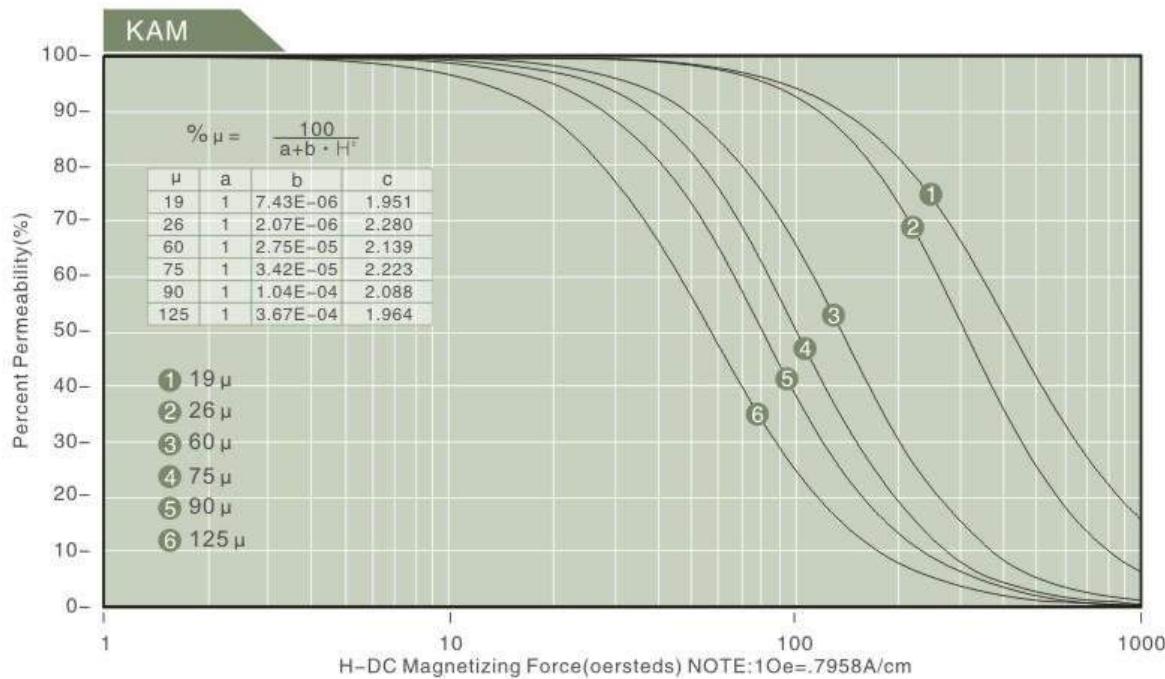
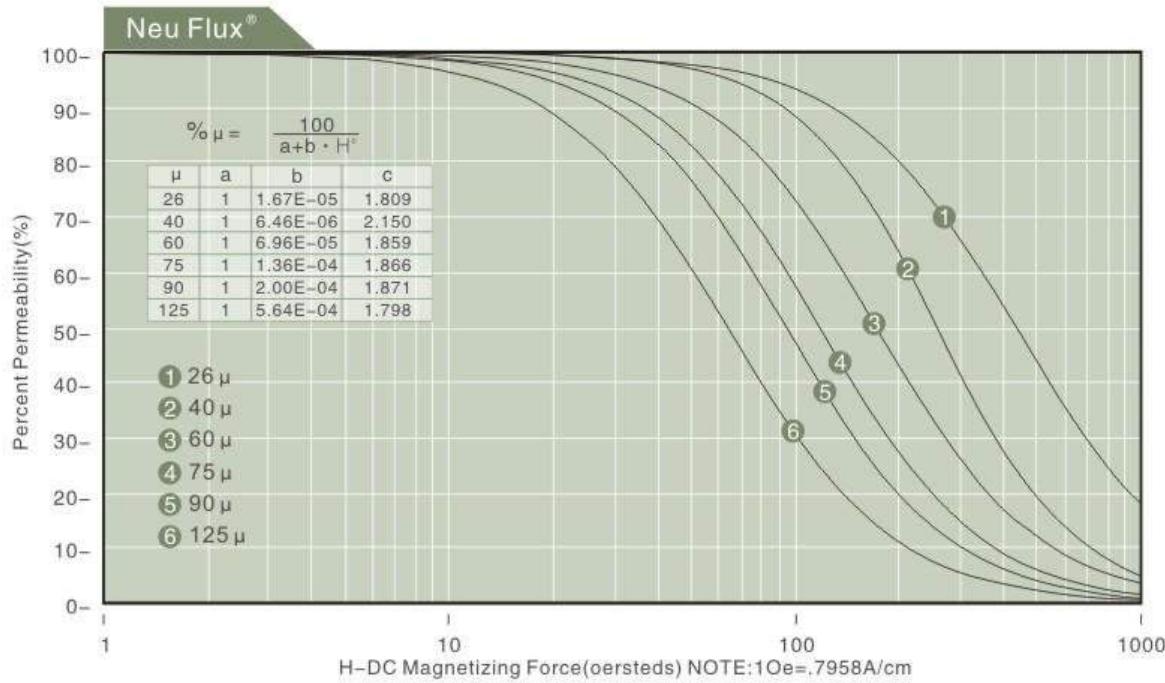
Magnetic Characteristics

Percent Change of Permeability vs .DC Magnetizing Force



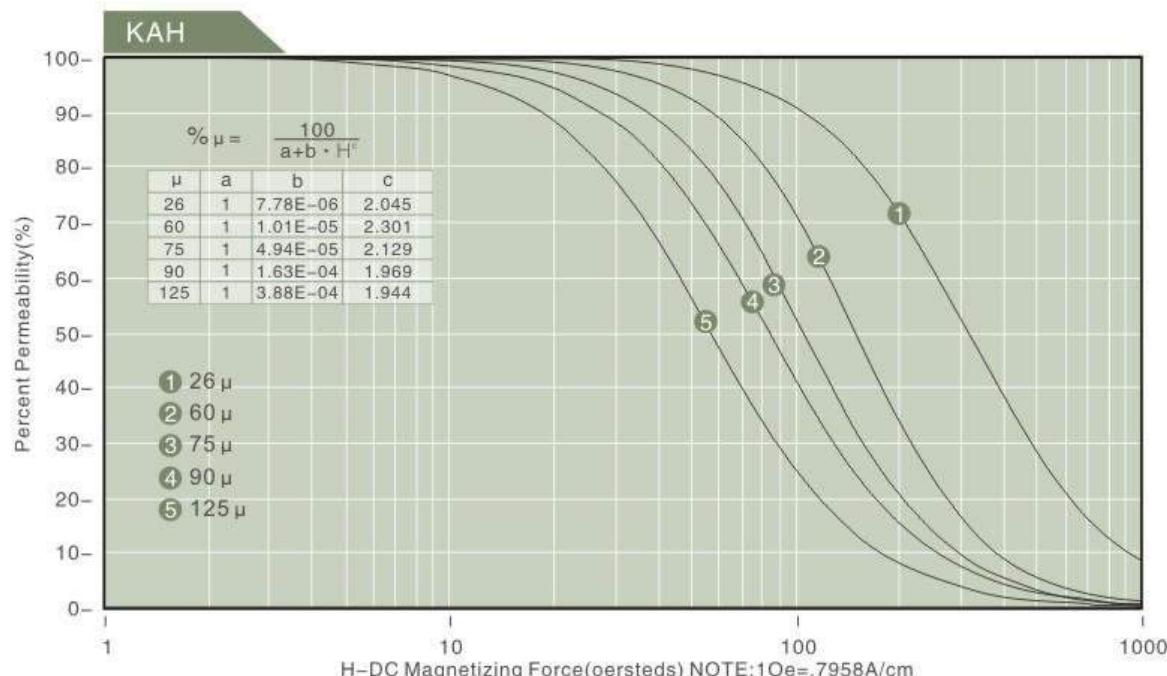
Magnetic Characteristics

Percent Change of Permeability vs .DC Magnetizing Force



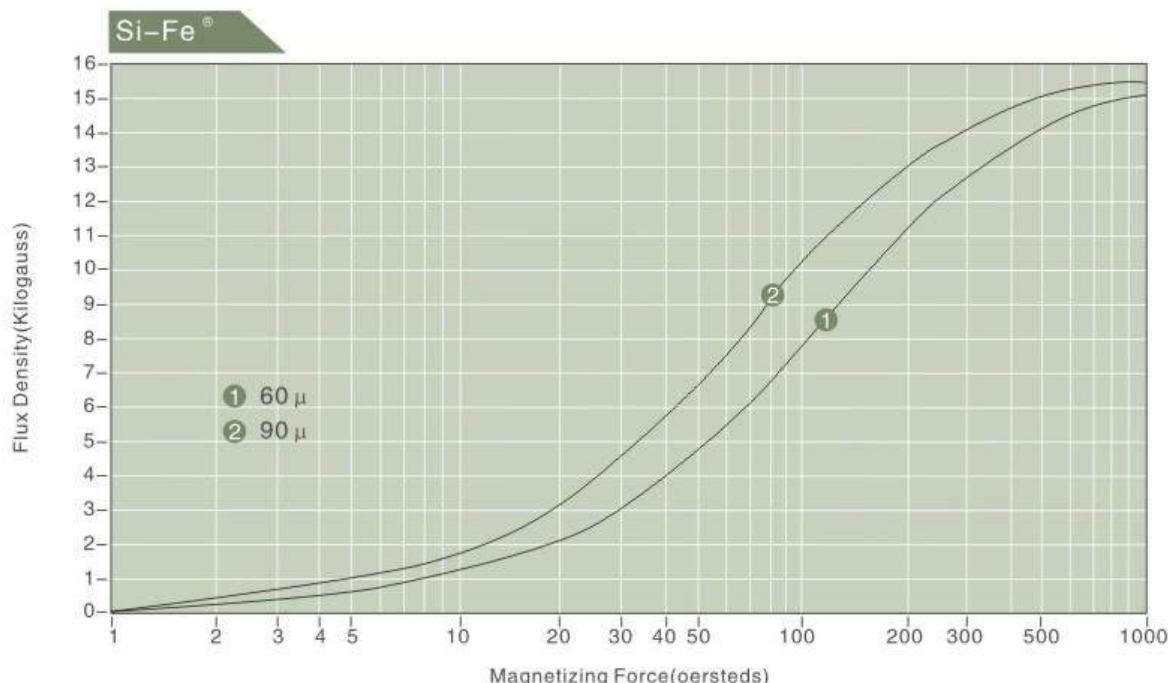
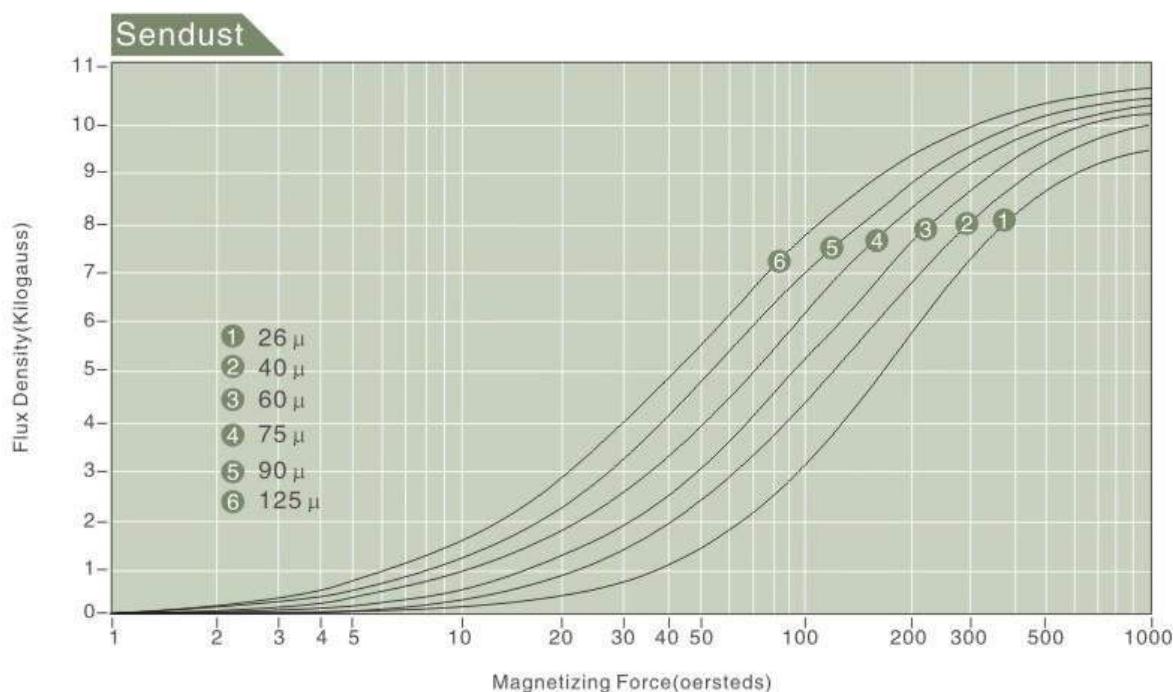
Magnetic Characteristics

Percent Change of Permeability vs .DC Magnetizing Force



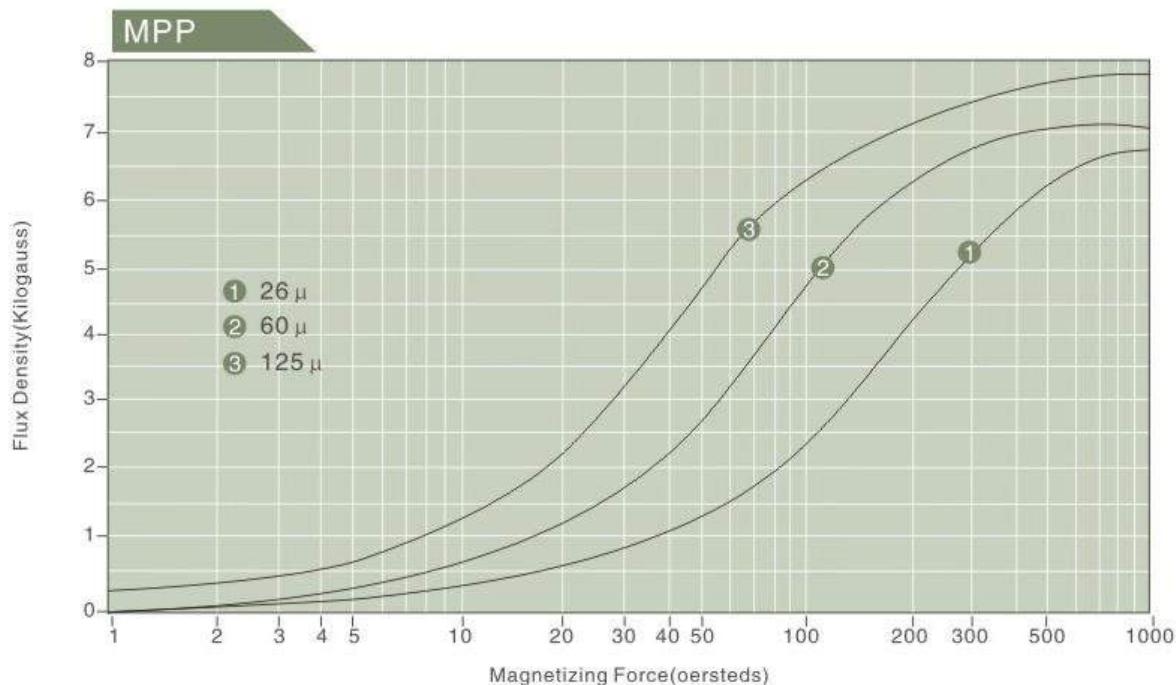
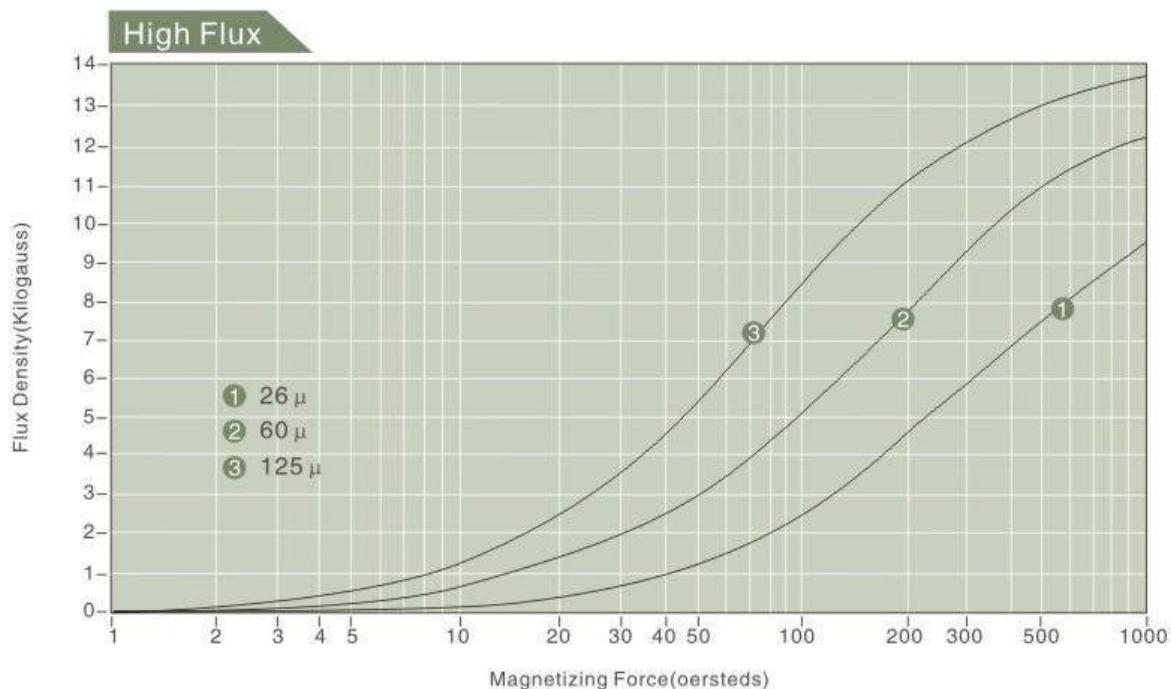
Magnetic Characteristics

Normal Magnetization Curves



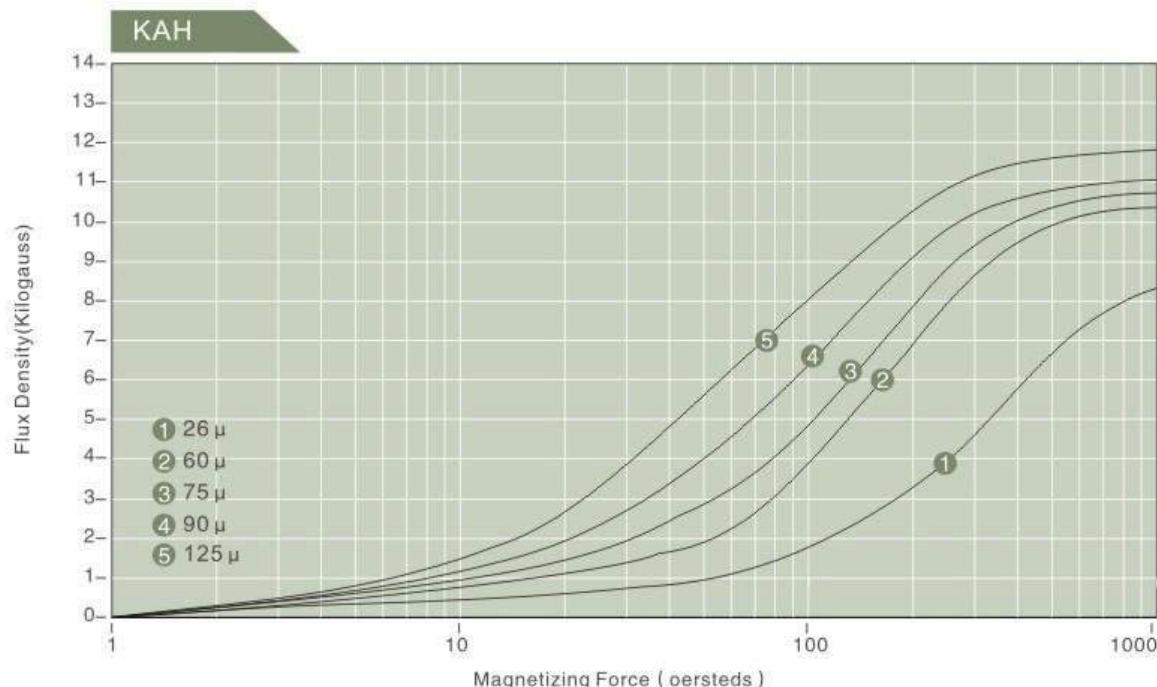
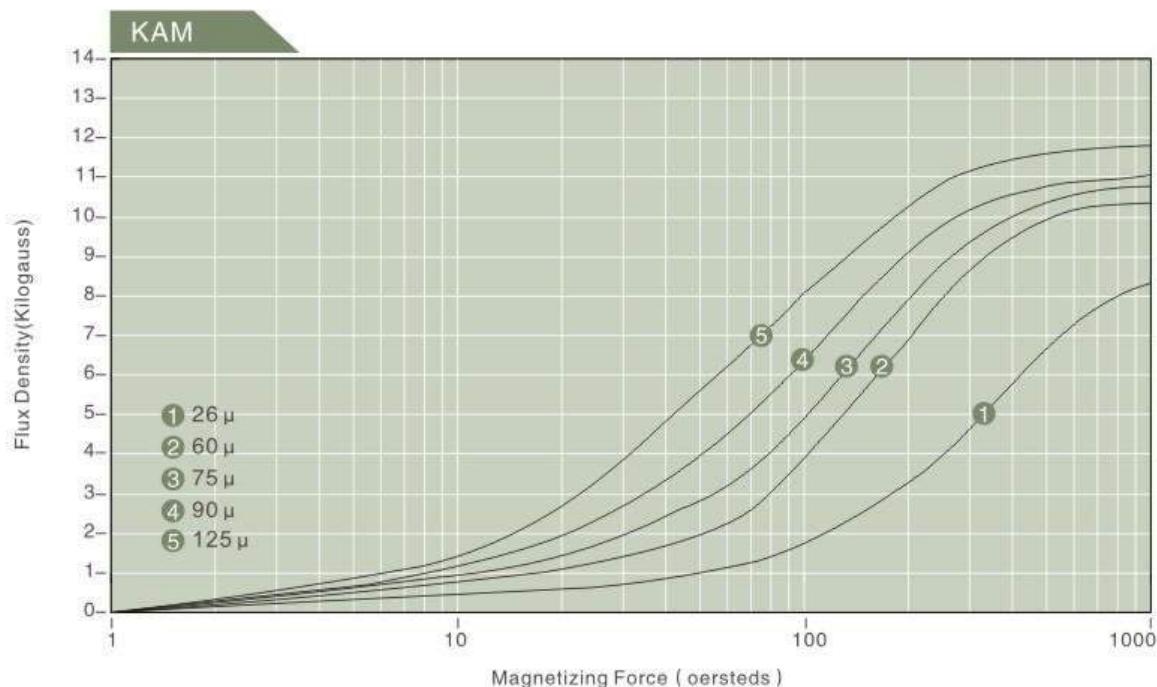
Magnetic Characteristics

Normal Magnetization Curves



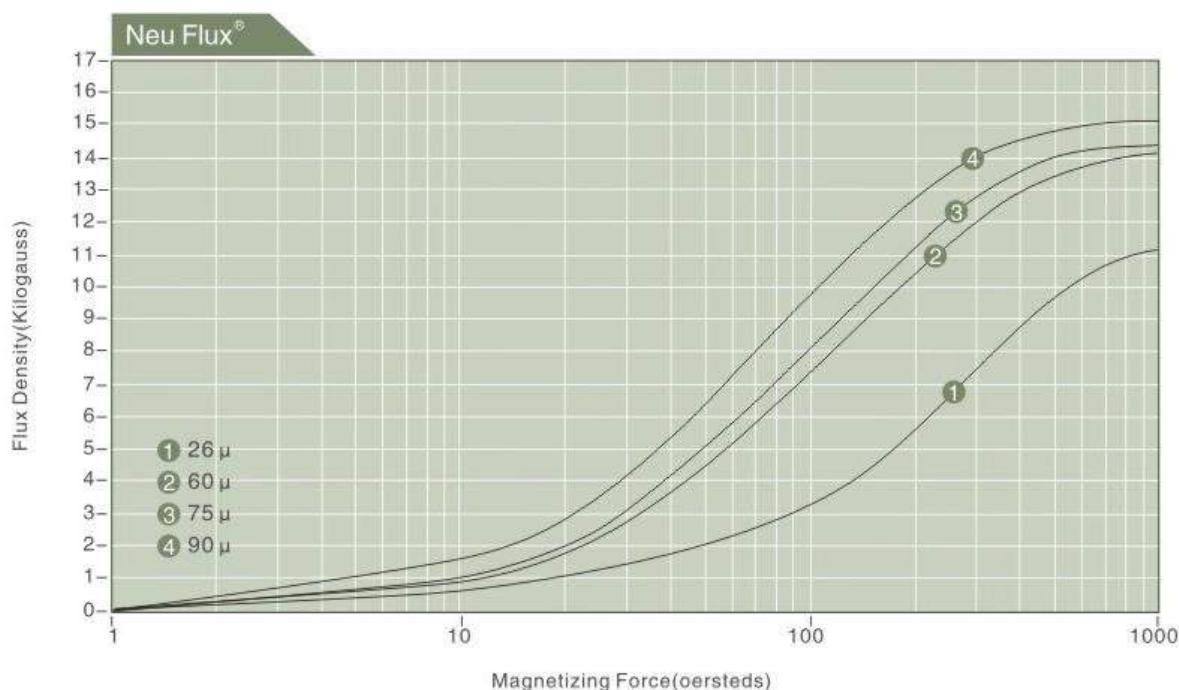
Magnetic Characteristics

Normal Magnetization Curves



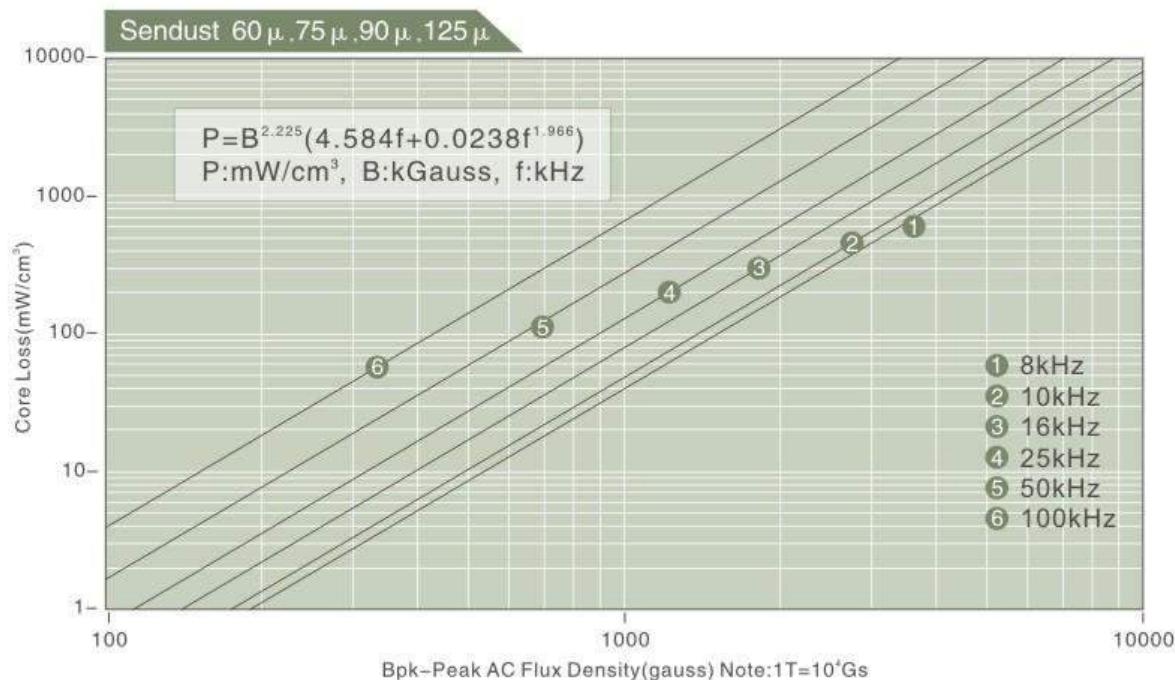
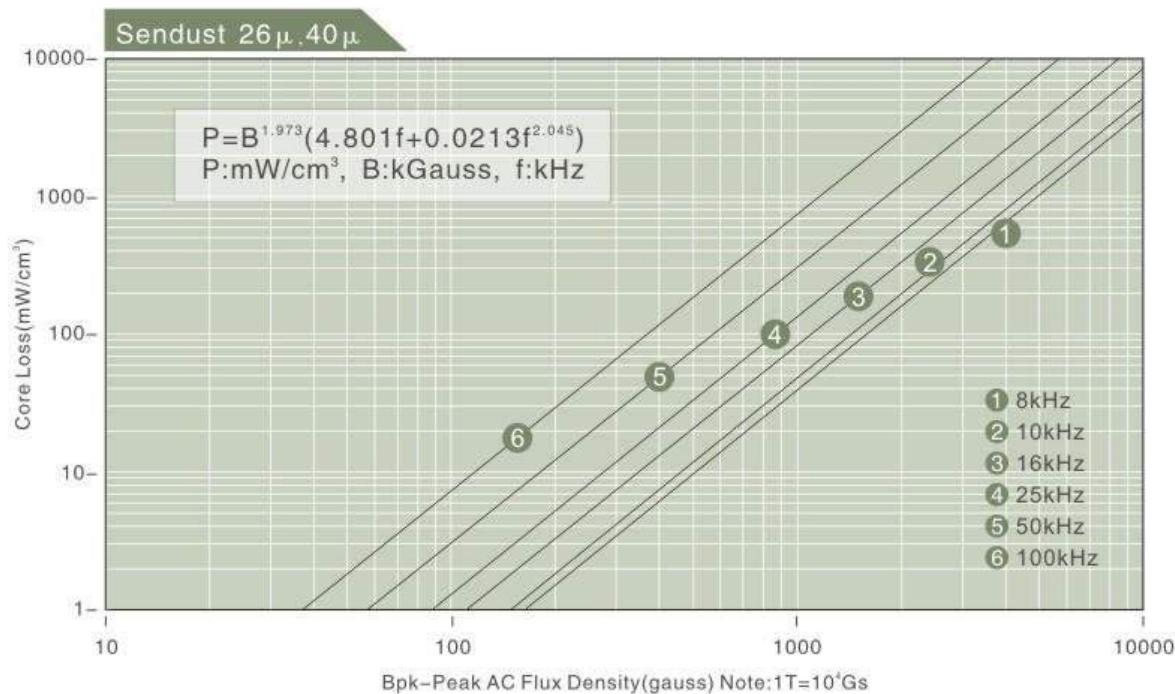
Magnetic Characteristics

Normal Magnetization Curves



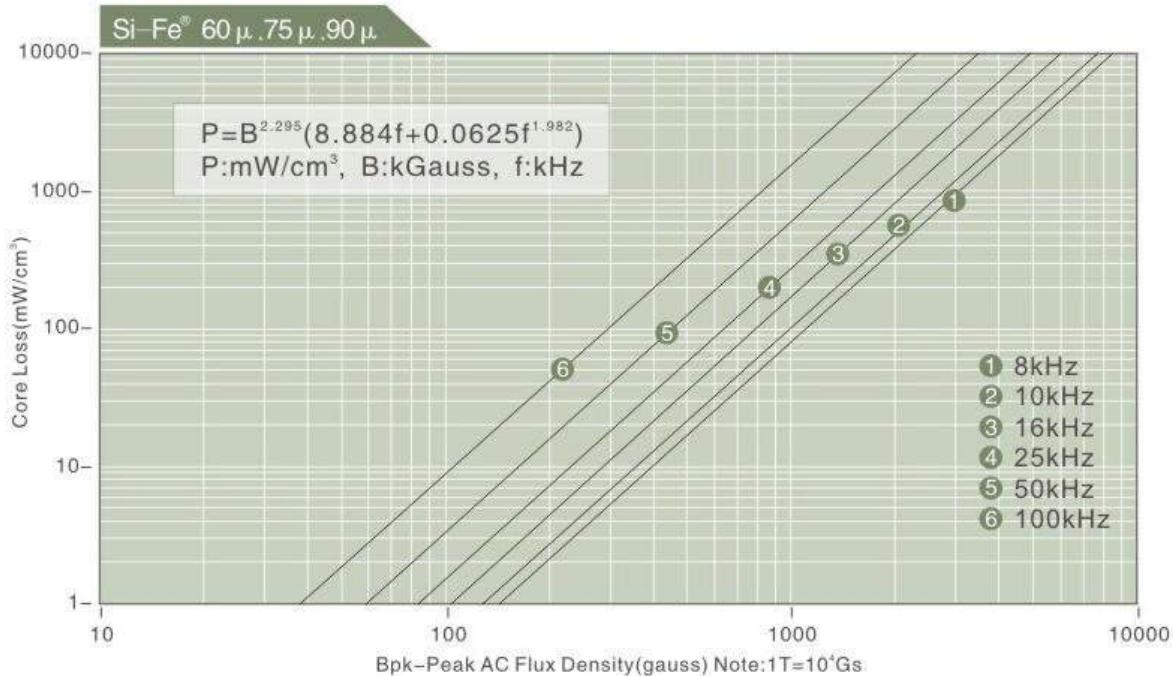
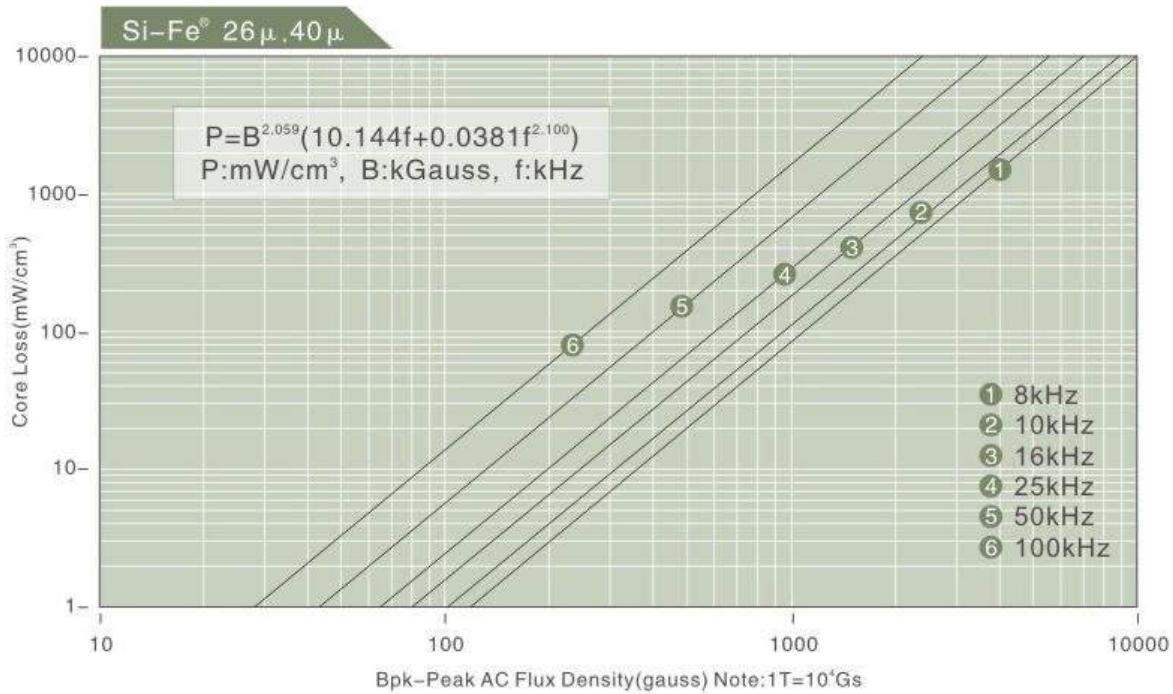
Magnetic Characteristics

Typical Core Loss Curves



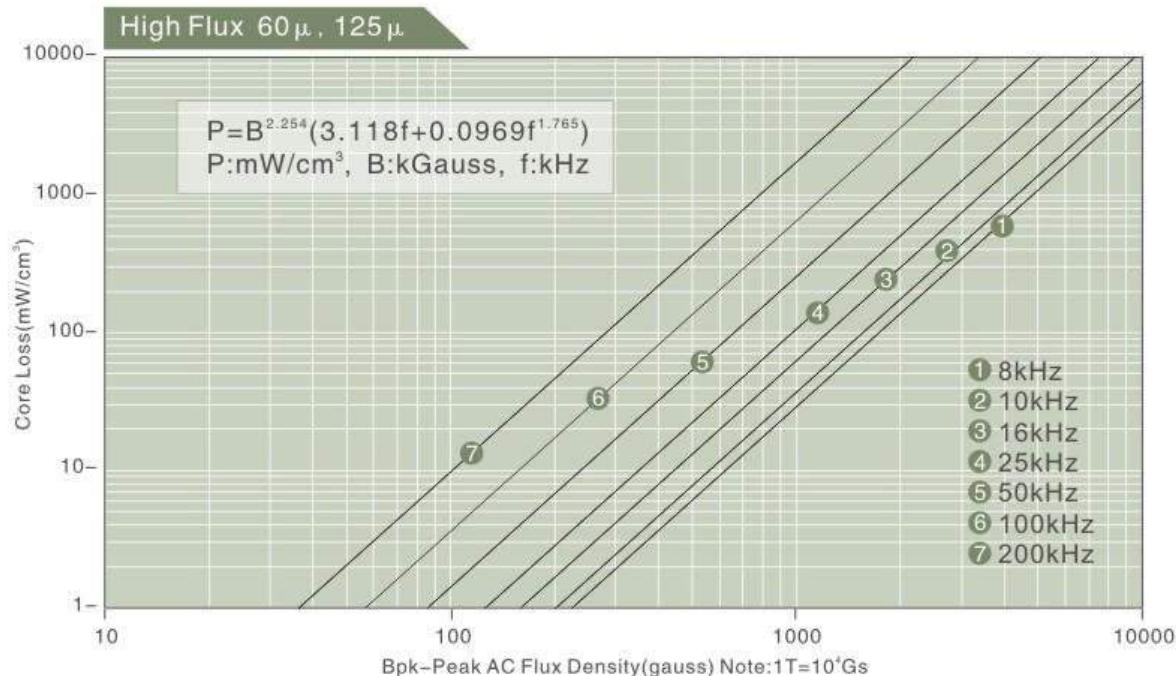
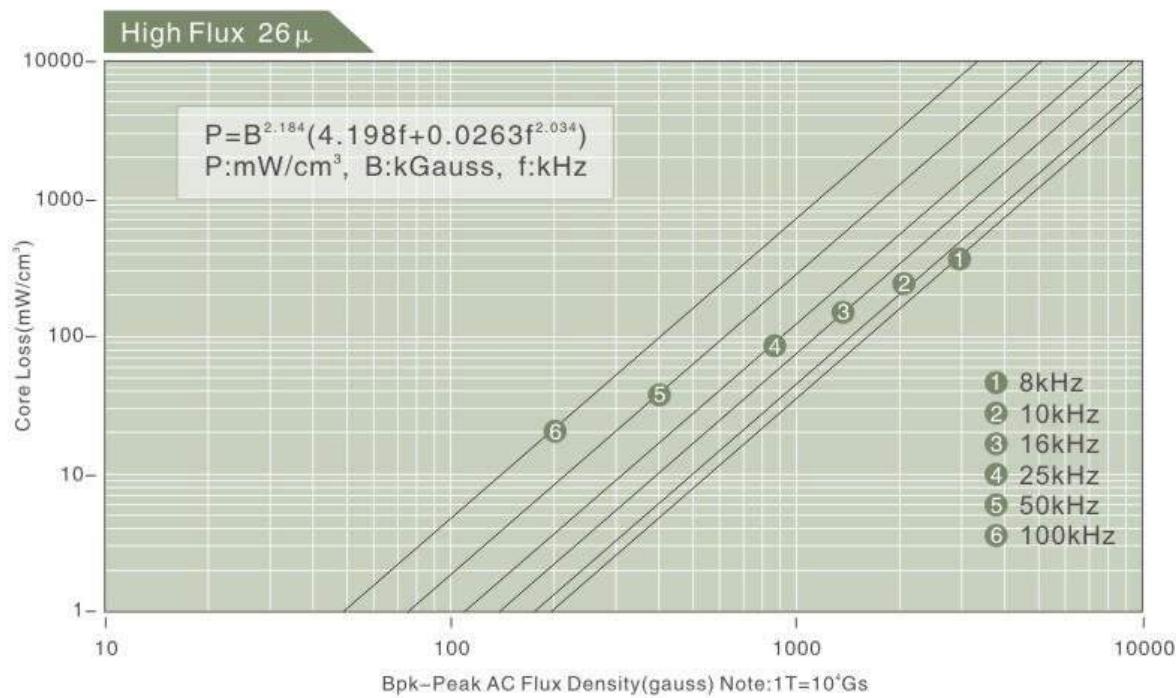
Magnetic Characteristics

Typical Core Loss Curves



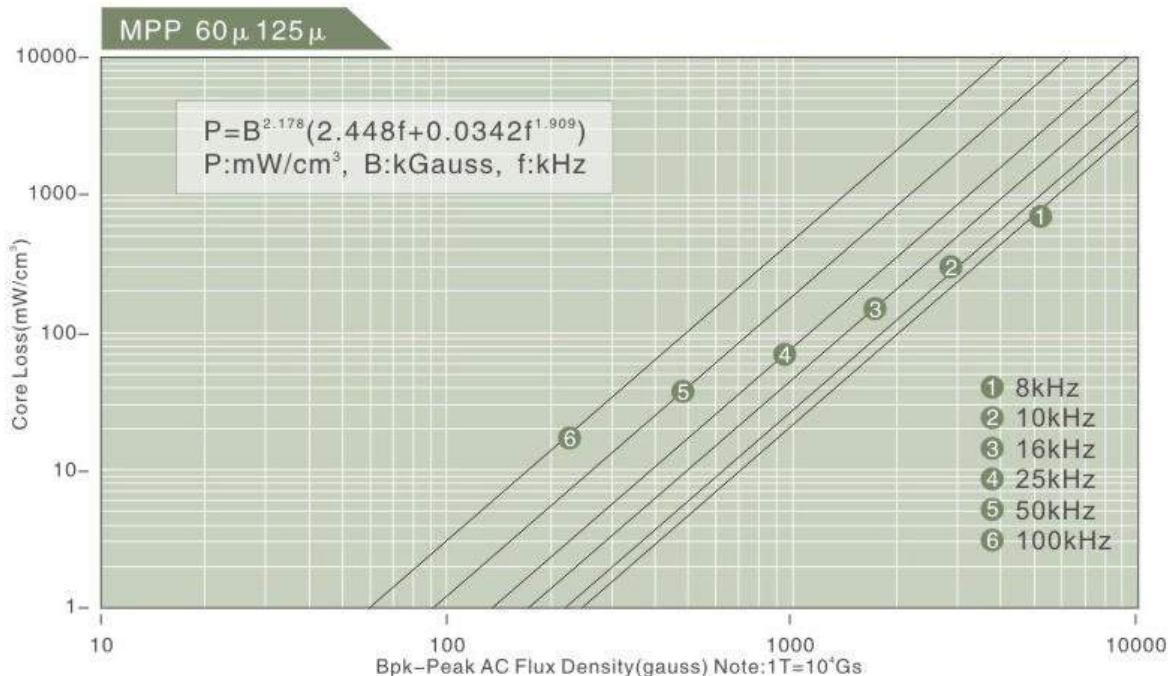
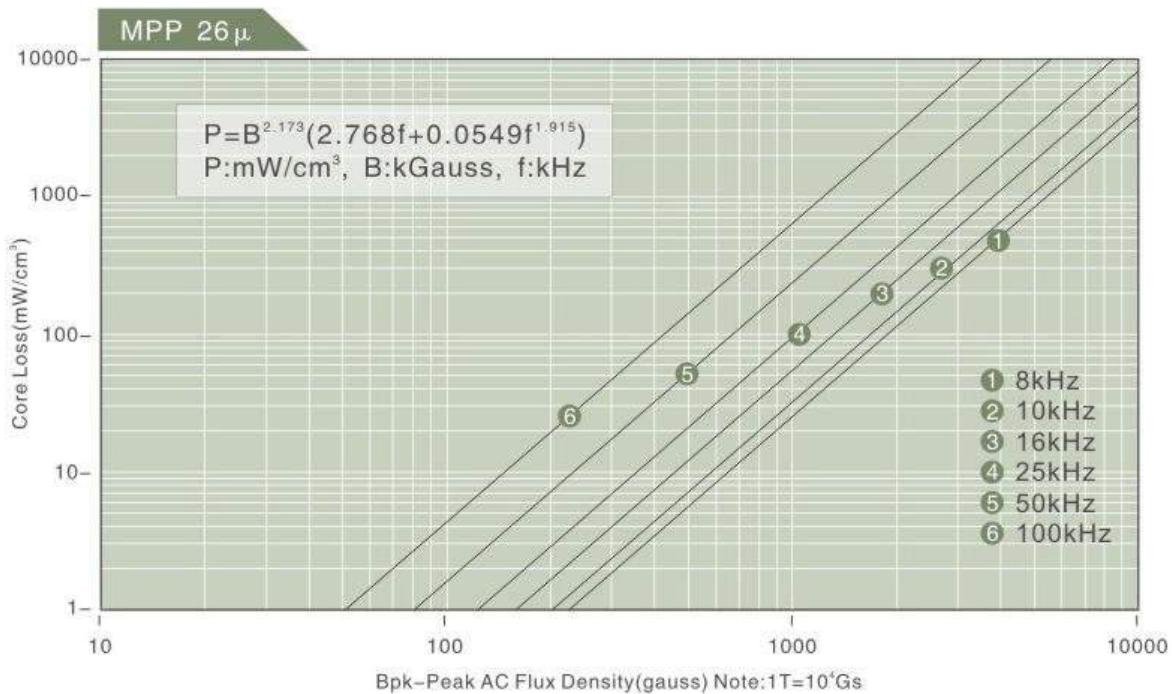
Magnetic Characteristics

Typical Core Loss Curves



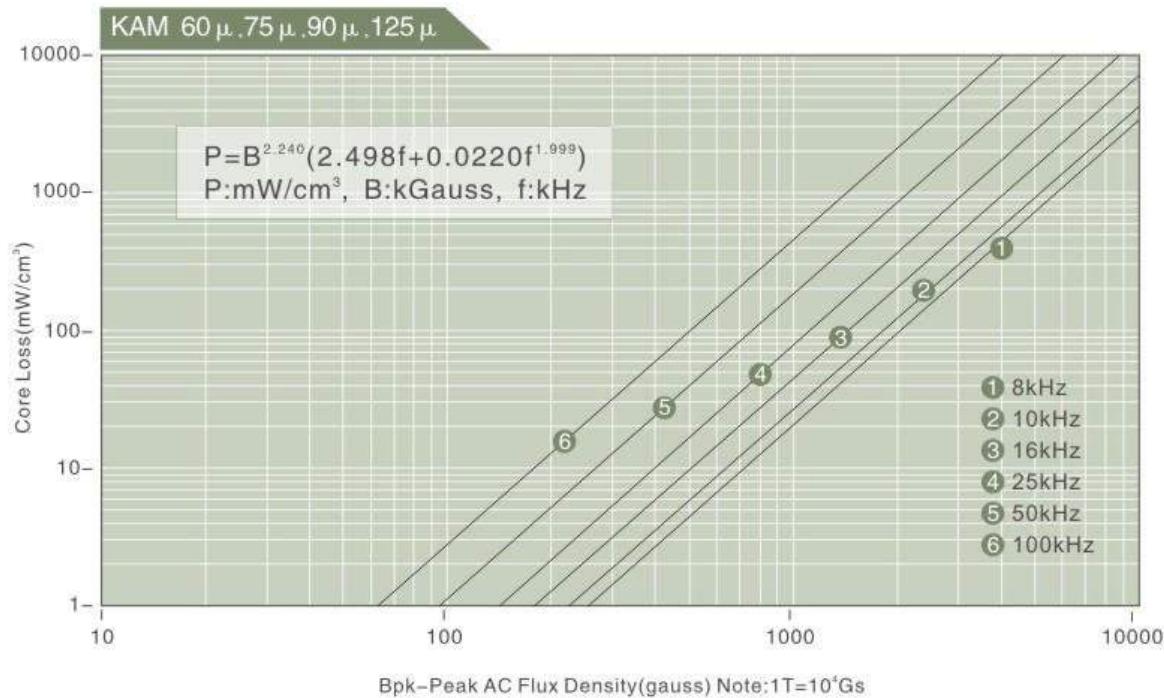
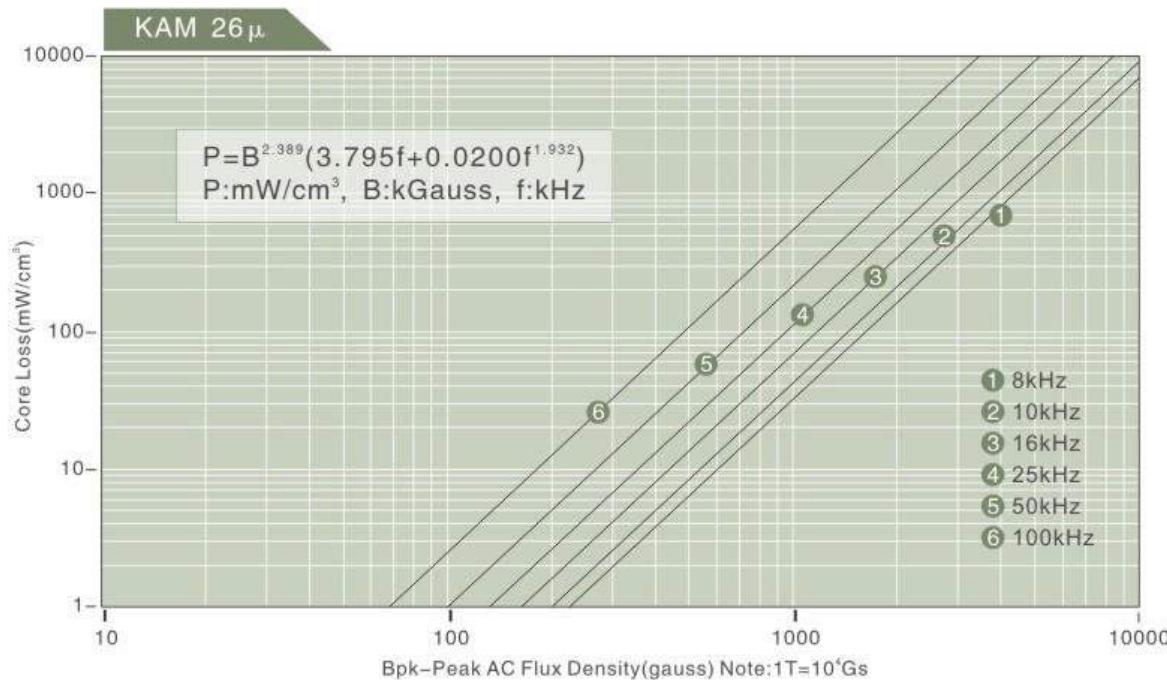
Magnetic Characteristics

Typical Core Loss Curves



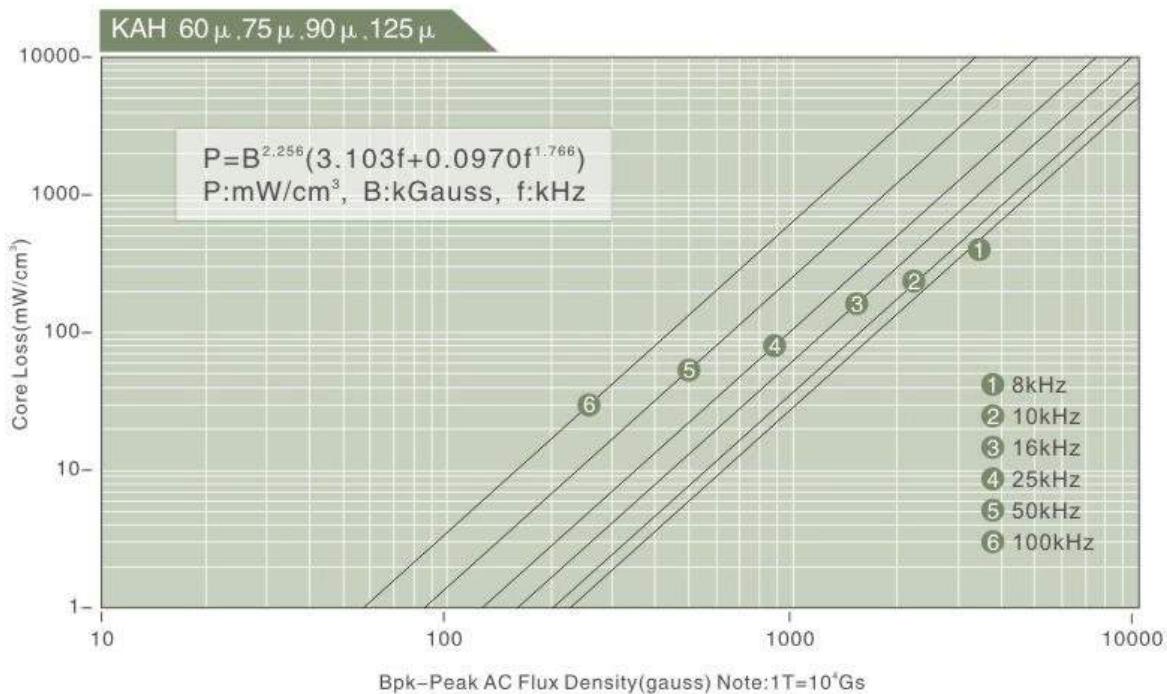
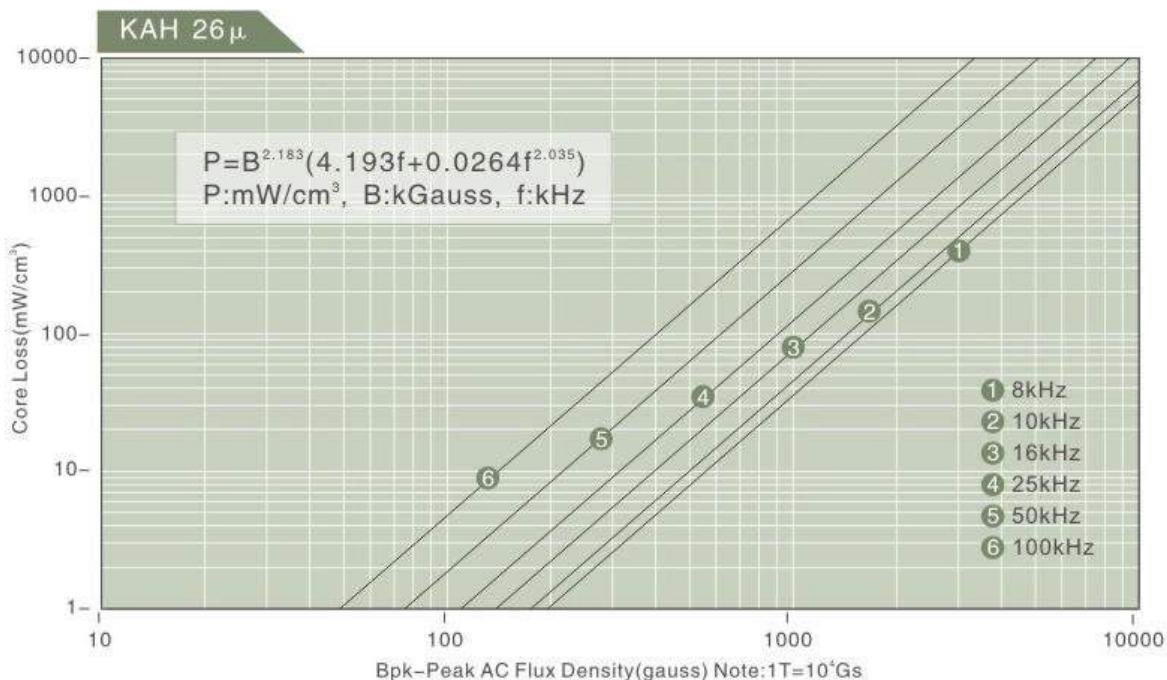
Magnetic Characteristics

Typical Core Loss Curves



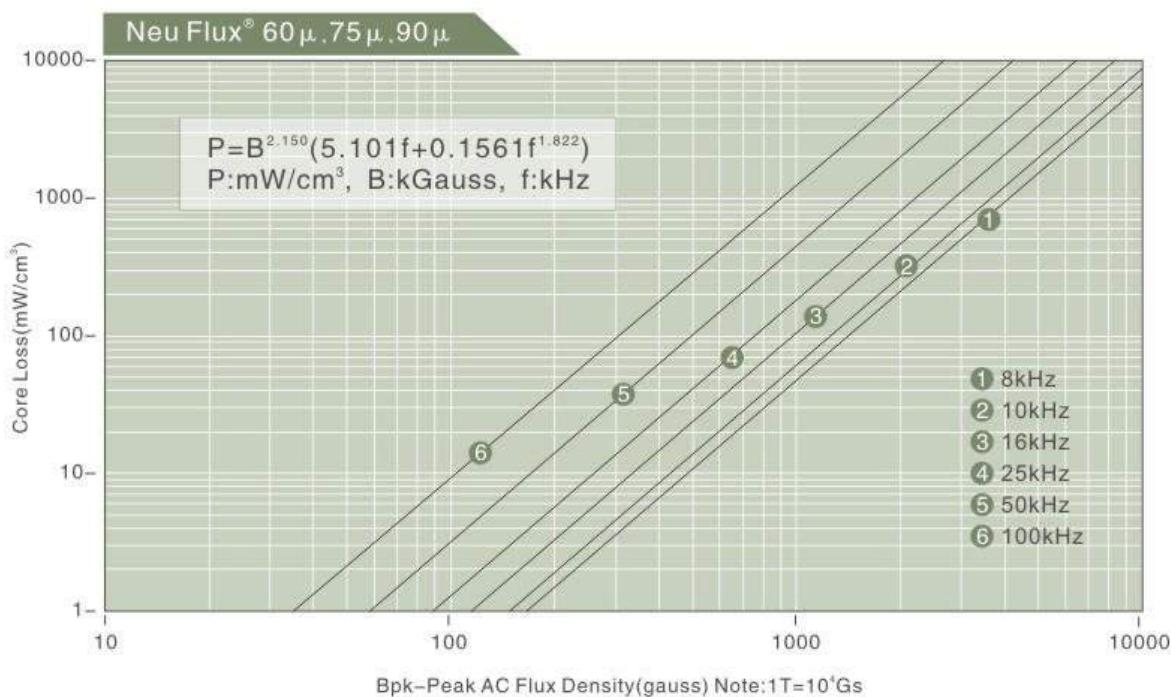
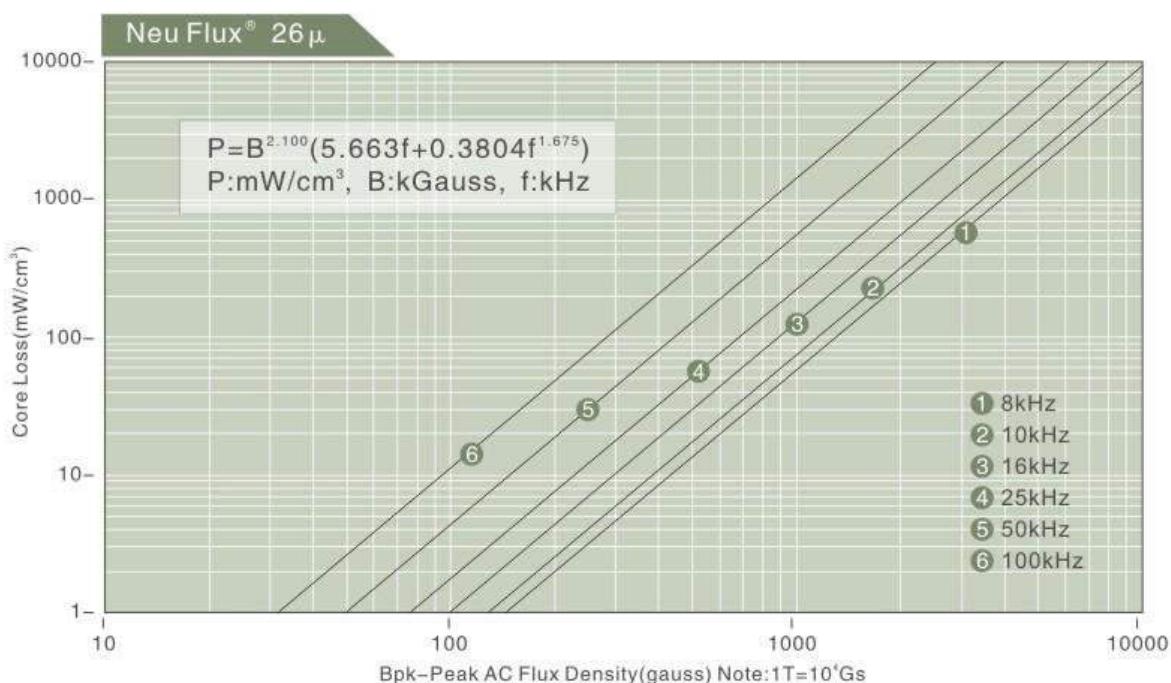
Magnetic Characteristics

Typical Core Loss Curves



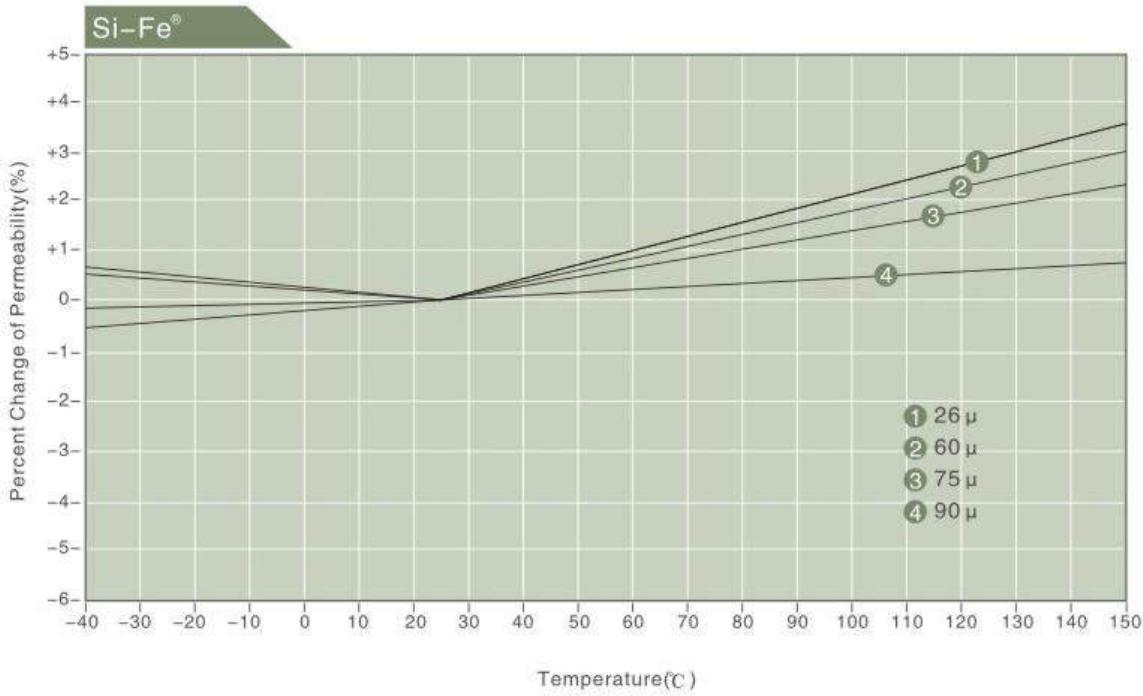
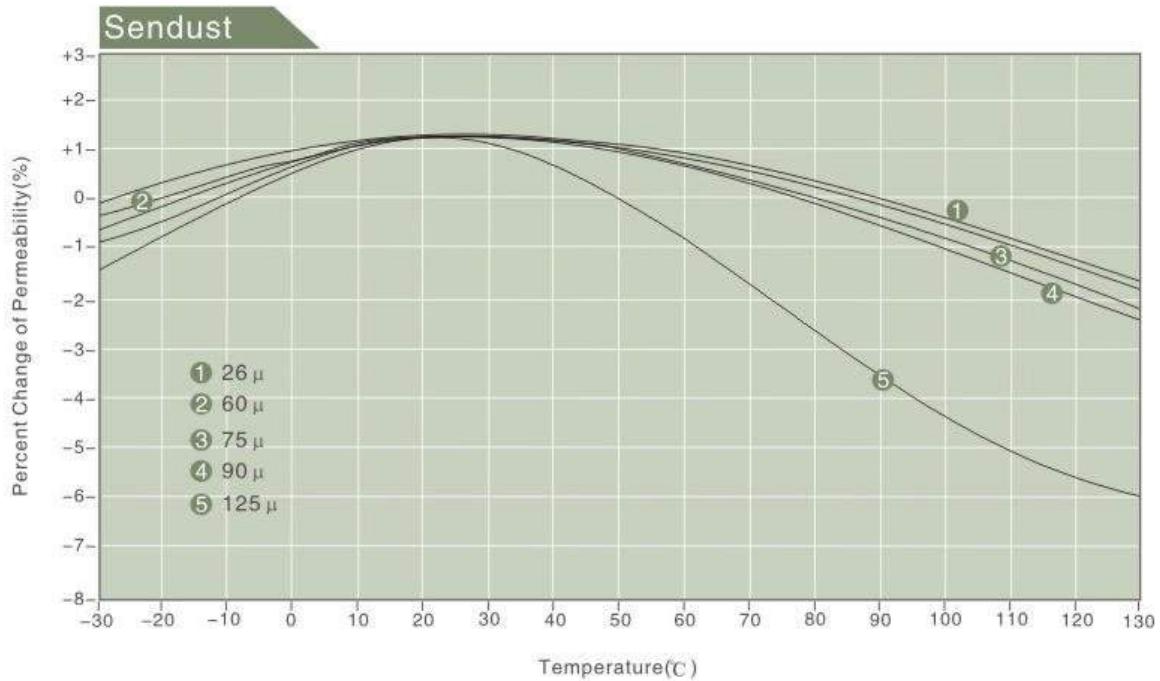
Magnetic Characteristics

Typical Core Loss Curves



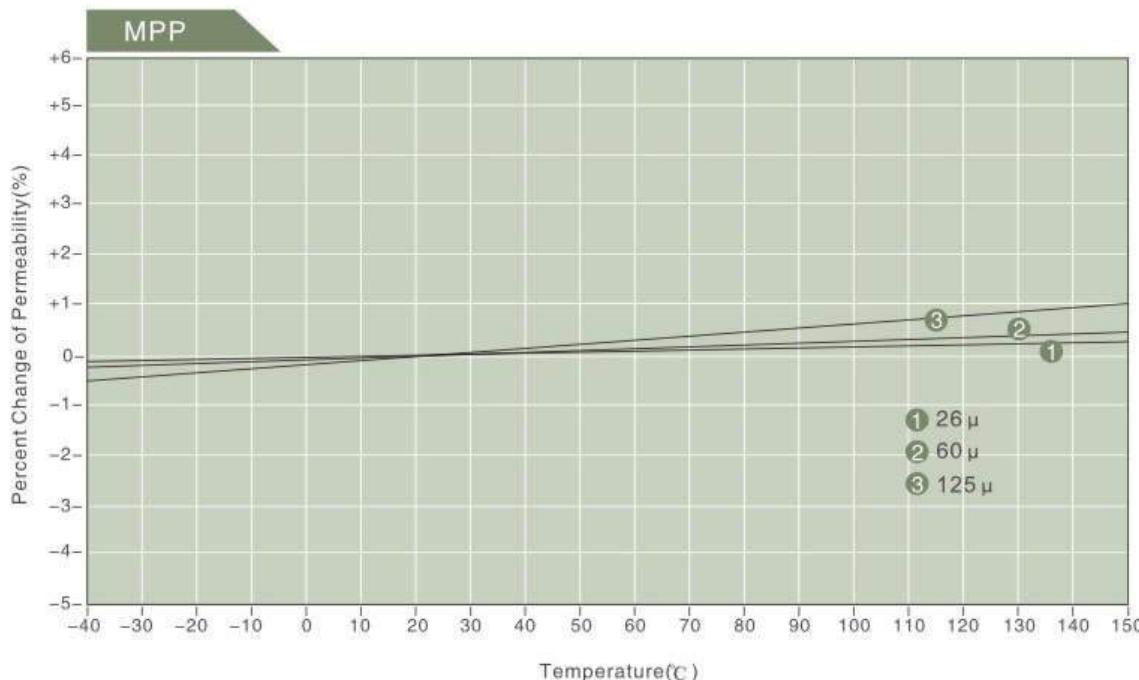
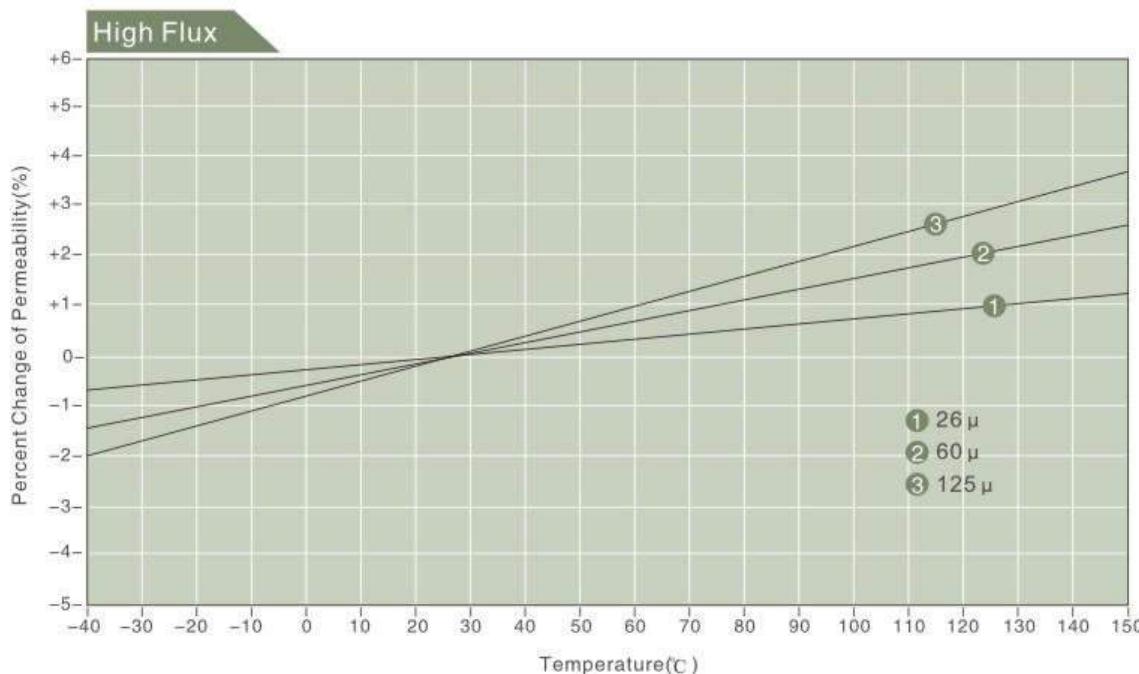
Magnetic Characteristics

Temperature Stability



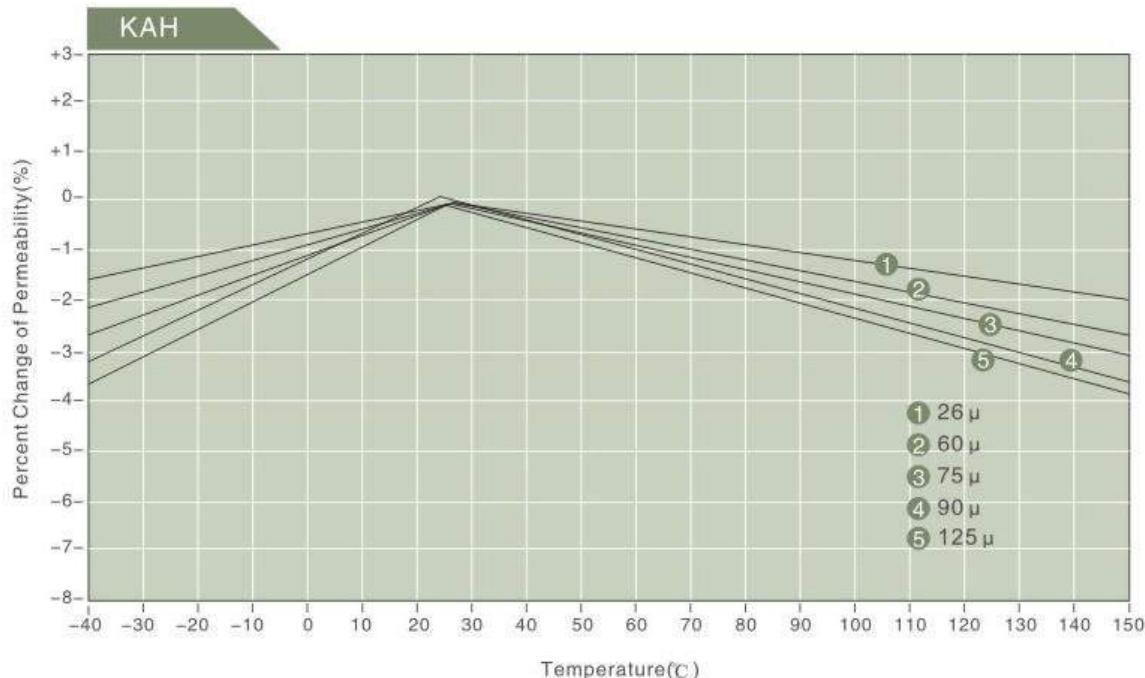
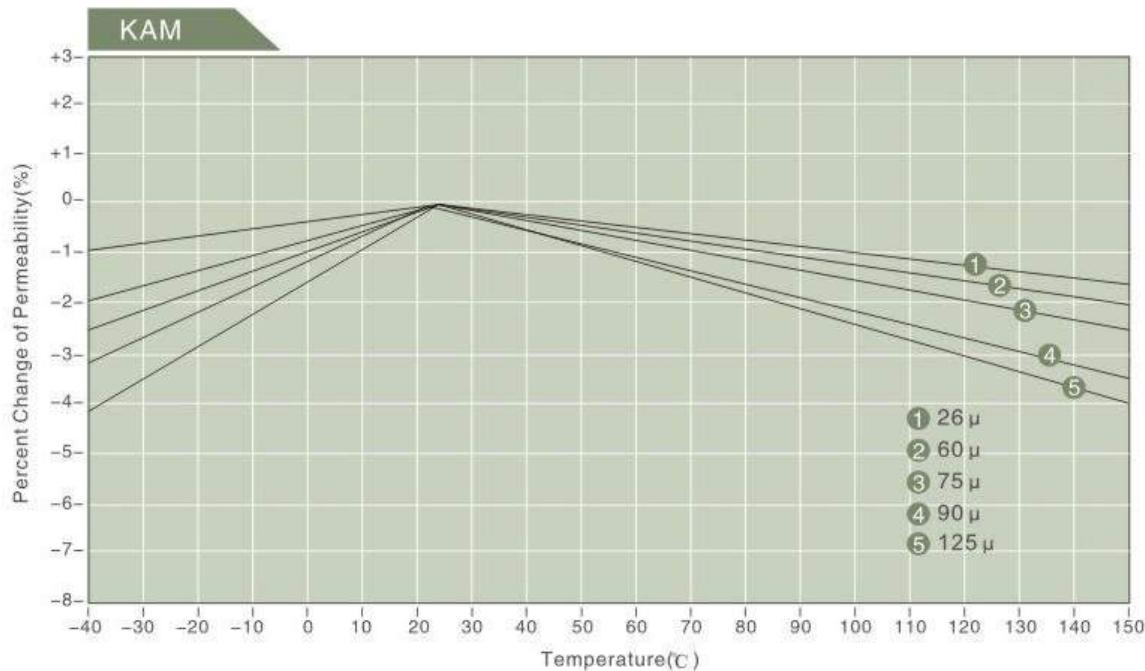
Magnetic Characteristics

Temperature Stability



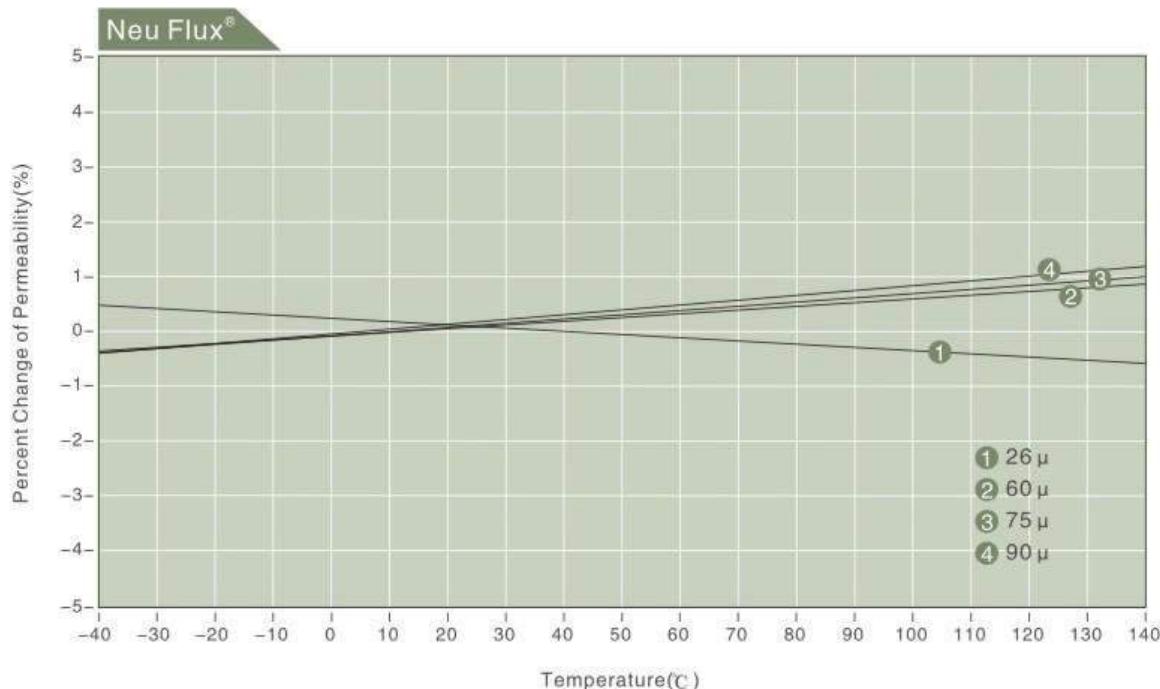
Magnetic Characteristics

Temperature Stability



Magnetic Characteristics

Temperature Stability



Standard Toroidal Series



Magnetic Alloy Powder Cores 033



www.semic.cz

semic@semic.cz

OD6.35mm/0.25inch

Magnetic Dimensions

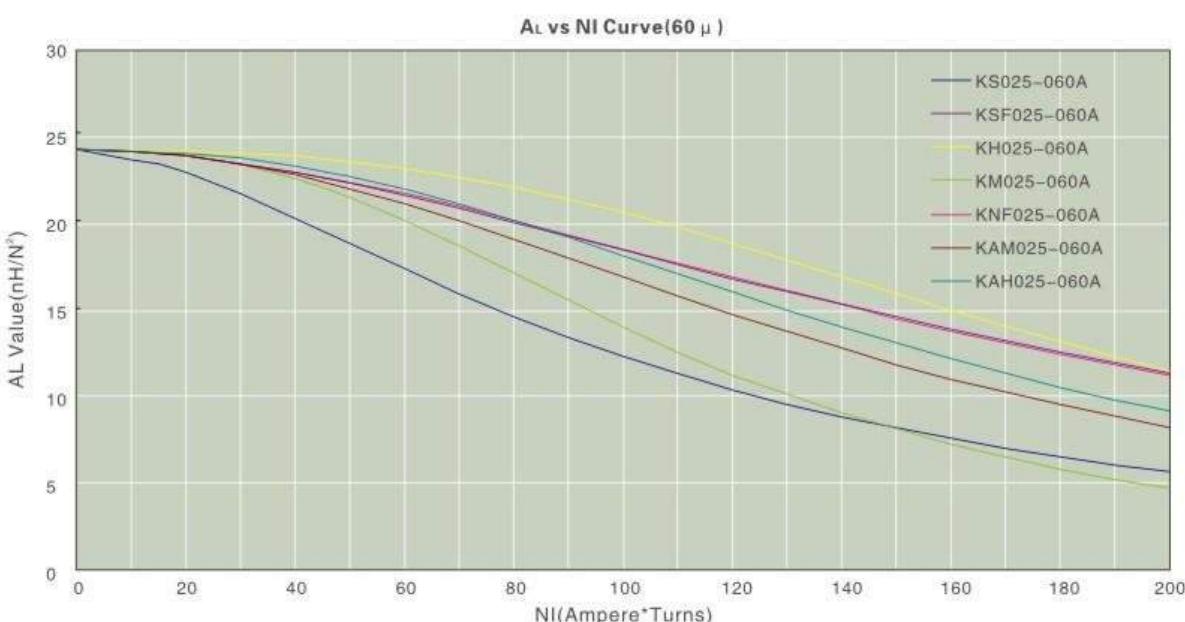
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	0.536 1.361	0.00729 0.047	0.00391 0.064	0.006362 0.041
0.250 6.35	0.110 2.79	0.110 2.79	0.275 6.99	0.090 2.29	0.135 3.43				

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS025-026A	KSF025-026A	KH025-026A	KM025-026A	KNF025-026A	KAM025-026A	KAH025-026A	26	10	
KS025-060A	KSF025-060A	KH025-060A	KM025-060A	KNF025-060A	KAM025-060A	KAH025-060A	60	24	
KS025-075A	KSF025-075A	—	—	KNF025-075A	KAM025-075A	KAH025-075A	75	30	
KS025-090A	KSF025-090A	—	—	KNF025-090A	KAM025-090A	KAH025-090A	90	36	
KS025-125A	—	KH025-125A	KM025-125A	—	KAM025-125A	KAH025-125A	125	50	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
24	0.0566	8	0.0132	30	0.0294	19	0.0918	36	0.0152	38	0.650
25	0.0505	10	0.0183	31	0.0267	21	0.126	37	0.0140	42	0.880
26	0.0452	11	0.0253	32	0.0241	23	0.170	38	0.0124	47	1.24
27	0.0409	13	0.0346	33	0.0216	26	0.238	39	0.0109	54	1.82
28	0.0366	14	0.0482	34	0.0191	30	0.337	40	0.0096	61	2.59
29	0.0330	16	0.0653	35	0.0170	34	0.470	41	0.00863	68	3.50



OD6.60mm/0.26inch

Magnetic Dimensions

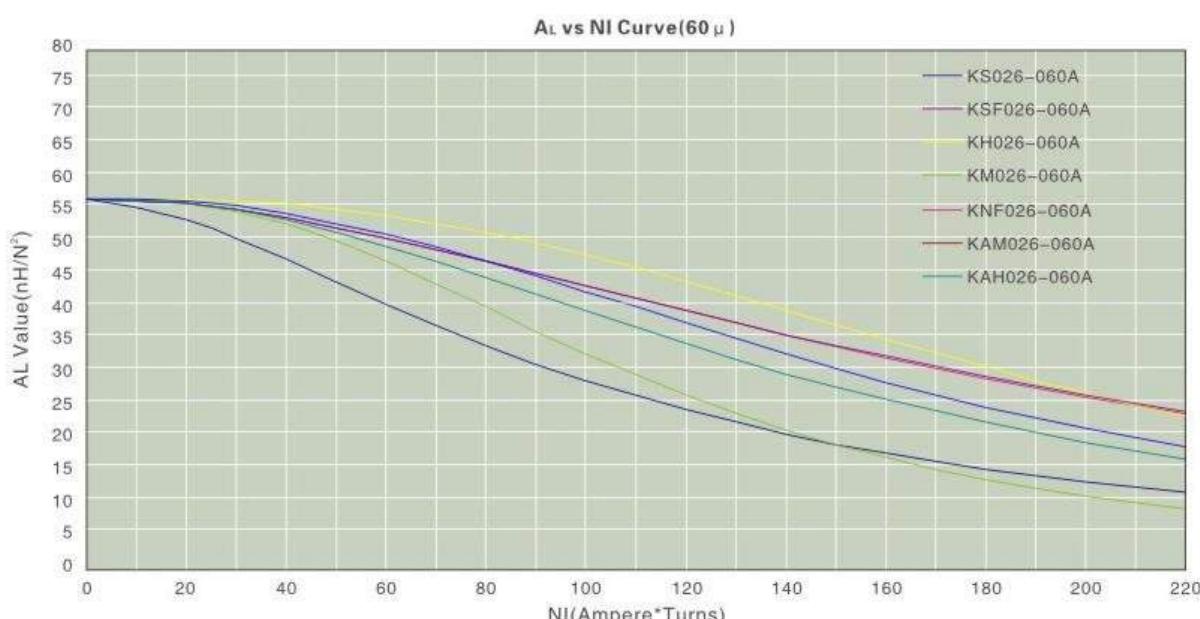
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.260 6.60	0.105 2.67	0.188 4.78	0.285 7.24	0.085 2.16	0.213 5.54	0.537 1.363	0.01426 0.092	0.00765 0.125	0.00594 0.038

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS026-026A	KSF026-026A	KH026-026A	KM026-026A	KNF026-026A	KAM026-020A	KAH026-026A	26	21	
KS026-060A	KSF026-060A	KH026-060A	KM026-060A	KNF026-060A	KAM026-060A	KAH026-060A	60	50	
KS026-075A	KSF026-075A	—	—	KNF026-075A	KAM026-075A	KAH026-075A	75	62	
KS026-090A	KSF026-090A	—	—	KNF026-090A	KAM026-090A	KAH026-090A	90	74	
KS026-125A	—	KH026-125A	KM026-125A	—	KAM026-125A	KAH026-125A	125	103	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
25	0.0505	9	0.0223	31	0.0267	20	0.162	37	0.0140	40	1.17
26	0.0452	11	0.0312	32	0.0241	22	0.220	38	0.0124	45	1.64
27	0.0409	12	0.0431	33	0.0216	25	0.309	39	0.0109	52	2.42
28	0.0366	14	0.0605	34	0.0191	29	0.440	40	0.0096	59	3.46
29	0.0330	16	0.0826	35	0.0170	32	0.617	41	0.00863	66	4.70
30	0.0294	18	0.117	36	0.0152	36	0.857	42	0.00762	74	6.62



OD6.60mm/0.26inch

Magnetic Dimensions

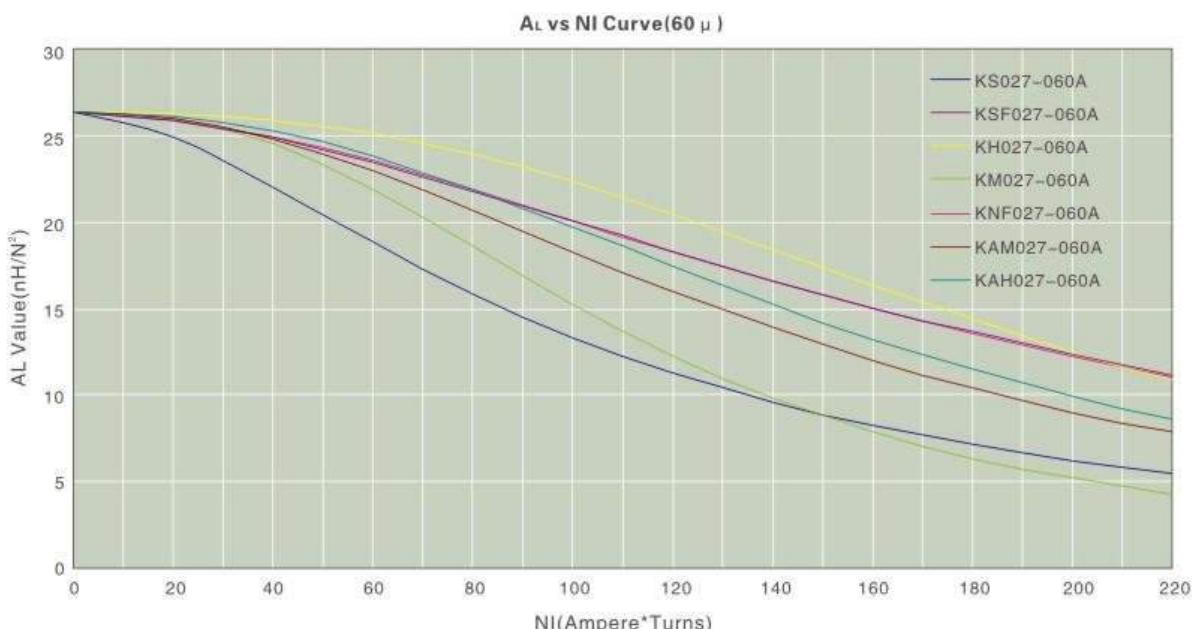
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	0.537 1.363	0.00738 0.047	0.00396 0.064	0.00636 0.041
0.260 6.60	0.105 2.67	0.100 2.54	0.285 7.24	0.085 2.16	0.125 3.18				

Dimensions Table

KDM Part No.								Perm. (μ)	A _L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS027-026A	KSF027-026A	KH027-026A	KM027-026A	KNF027-026A	KAM027-026A	KAH027-026A	26	11	
KS027-060A	KSF027-060A	KH027-060A	KM027-060A	KNF027-060A	KAM027-060A	KAH027-060A	60	26	
KS027-075A	KSF027-075A	—	—	KNF027-075A	KAM027-075A	KAH027-075A	75	32	
KS027-090A	KSF027-090A	—	—	KNF027-090A	KAM027-090A	KAH027-090A	90	39	
KS027-125A	—	KH027-125A	KM027-125A	—	KAM027-125A	KAH027-125A	125	54	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
25	0.0505	10	0.0180	31	0.0267	21	0.124	37	0.0140	42	0.862
26	0.0452	11	0.0249	32	0.0241	23	0.167	38	0.0124	47	1.21
27	0.0409	13	0.0341	33	0.0216	26	0.233	39	0.0109	54	1.78
28	0.0366	14	0.0474	34	0.0191	30	0.330	40	0.0096	61	2.53
29	0.0330	16	0.0642	35	0.0170	34	0.461	41	0.00863	68	3.43
30	0.0294	19	0.0902	36	0.0152	38	0.862	42	0.00762	77	4.81



OD7.87mm/0.31inch

Magnetic Dimensions

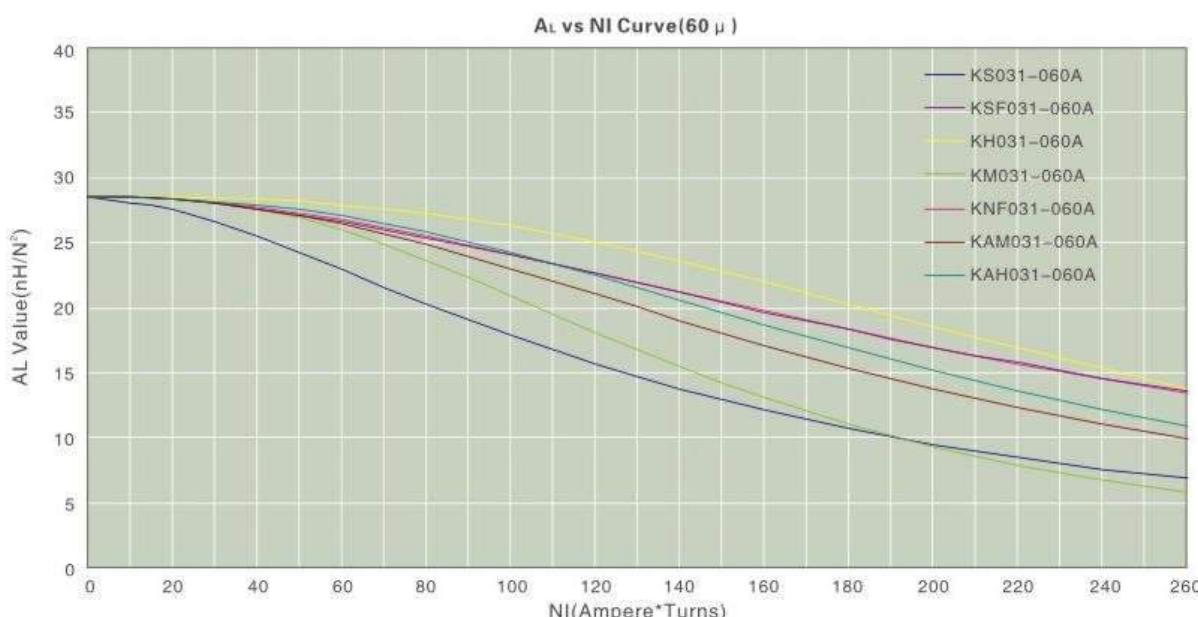
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	0.704 1.787	0.00953 0.061	0.00671 0.109	0.01431 0.092
0.310 7.87	0.156 3.96	0.125 3.18	0.335 8.51	0.135 3.43	0.150 3.81				

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS031-026A	KSF031-026A	KH031-026A	KM031-026A	KNF031-026A	KAM031-020A	KAH031-026A	26	11	
KS031-060A	KSF031-060A	KH031-060A	KM031-060A	KNF031-060A	KAM031-060A	KAH031-060A	60	25	
KS031-075A	KSF031-075A	—	—	KNF031-075A	KAM031-075A	KAH031-075A	75	31	
KS031-090A	KSF031-090A	—	—	KNF031-090A	KAM031-090A	KAH031-090A	90	37	
KS031-125A	—	KH031-125A	KM031-125A	—	KAM031-125A	KAH031-125A	125	52	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
21	0.0785	9	0.0078	27	0.0409	20	0.0545	33	0.0216	41	0.382
22	0.0701	11	0.0108	28	0.0366	23	0.0762	34	0.0191	46	0.543
23	0.0632	12	0.0148	29	0.0330	26	0.104	35	0.0170	52	0.760
24	0.0566	14	0.0206	30	0.0294	29	0.146	36	0.0152	58	1.05
25	0.0505	16	0.0285	31	0.0267	33	0.201	37	0.0140	64	1.43
26	0.0452	18	0.0397	32	0.0241	36	0.272	38	0.0124	72	2.01



OD9.65mm/0.38inch

Magnetic Dimensions

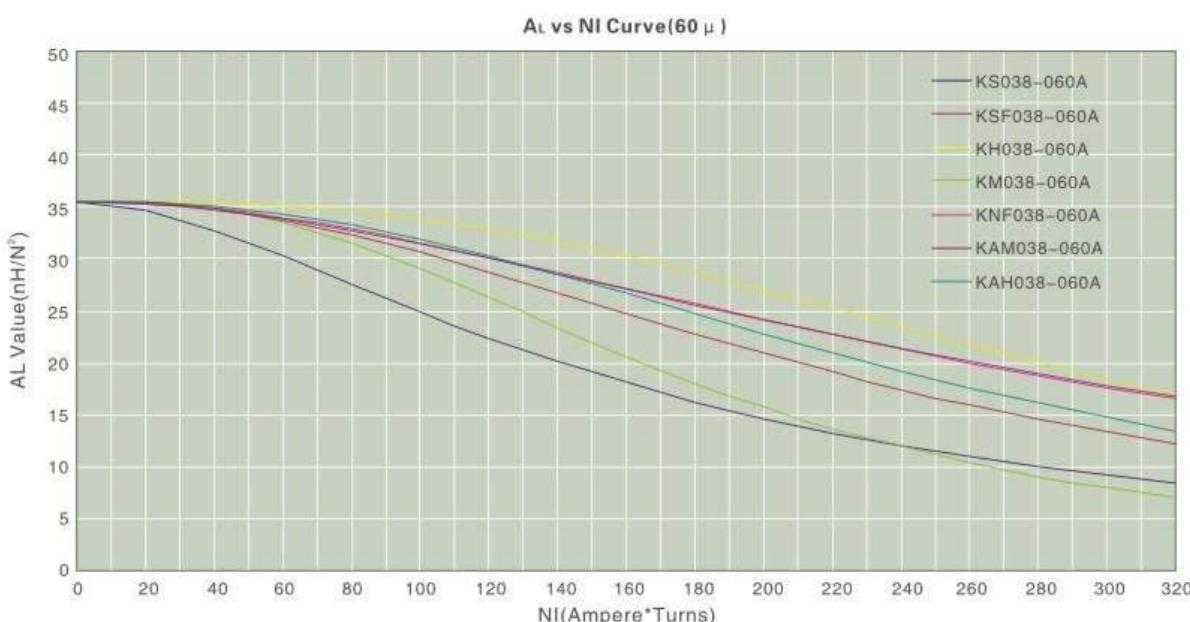
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.380 9.65	0.188 4.78	0.156 3.96	0.405 10.29	0.168 4.27	0.181 4.60	0.859 2.180	0.01465 0.094	0.0126 0.206	0.02217 0.142

Dimensions Table

KDM Part No.							Perm. (μ)	A _L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS038-026A	KSF038-026A	KH038-026A	KM038-026A	KNF038-026A	KAM038-026A	KAH038-026A	26	14
KS038-060A	KSF038-060A	KH038-060A	KM038-060A	KNF038-060A	KAM038-060A	KAH038-060A	60	32
KS038-075A	KSF038-075A	—	—	KNF038-075A	KAM038-075A	KAH038-075A	75	40
KS038-090A	KSF038-090A	—	—	KNF038-090A	KAM038-090A	KAH038-090A	90	48
KS038-125A	—	KH038-125A	KM038-125A	—	KAM038-125A	KAH038-125A	125	66

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
19	0.0980	9	0.00567	25	0.0505	21	0.0405	31	0.0267	41	0.293
20	0.0879	11	0.00783	26	0.0452	23	0.0567	32	0.0241	46	0.397
21	0.0785	12	0.0109	27	0.0409	26	0.0782	33	0.0216	51	0.558
22	0.0701	14	0.0152	28	0.0366	29	0.110	34	0.0191	58	0.795
23	0.0632	16	0.0209	29	0.0330	33	0.150	35	0.0170	65	1.12
24	0.0566	18	0.0291	30	0.0294	37	0.212	36	0.0152	73	1.55



OD9.65mm/0.38inch

Magnetic Dimensions

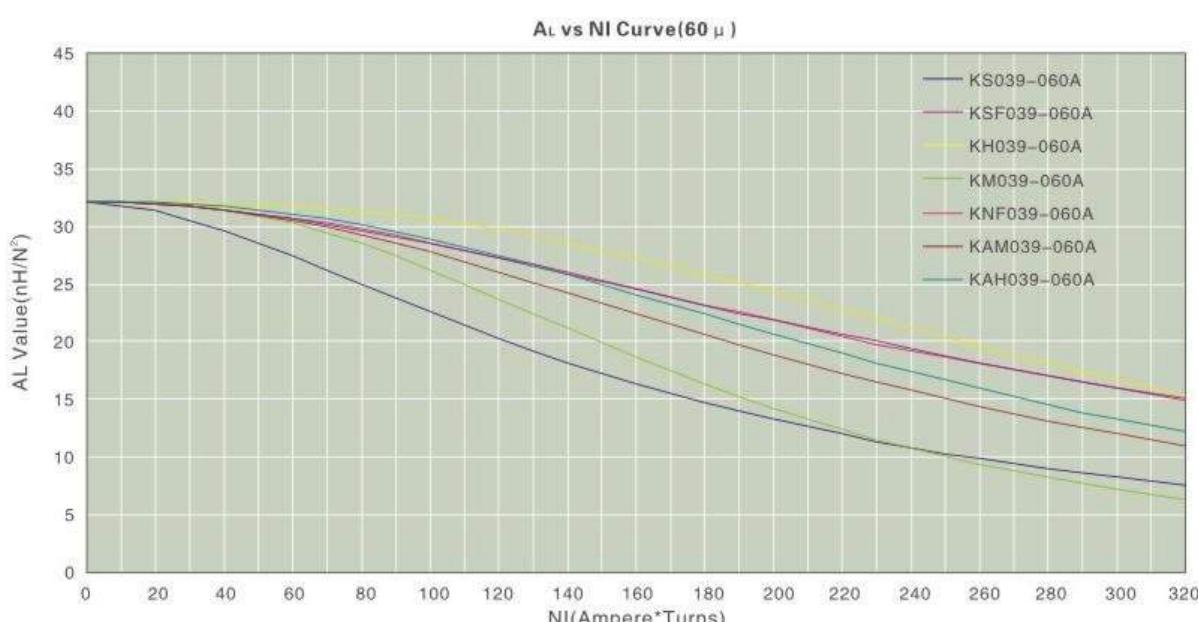
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.380 9.65	0.188 4.78	0.125 3.18	0.405 10.29	0.168 4.27	0.150 3.81	0.858 2.180	0.01166 0.075	0.0100 0.163	0.02217 0.1422

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS039-026A	KSF039-026A	KH039-026A	KM039-026A	KNF039-026A	KAM039-020A	KAH039-026A	26	11	
KS039-060A	KSF039-060A	KH039-060A	KM039-060A	KNF039-060A	KAM039-060A	KAH039-060A	60	25	
KS039-075A	KSF039-075A	—	—	KNF039-075A	KAM039-075A	KAH039-075A	75	32	
KS039-090A	KSF039-090A	—	—	KNF039-090A	KAM039-090A	KAH039-090A	90	38	
KS039-125A	—	KH039-125A	KM039-125A	—	KAM039-125A	KAH039-125A	125	53	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
19	0.0980	9	0.0053	25	0.0505	21	0.0372	31	0.0267	41	0.266
20	0.0879	11	0.0073	26	0.0452	23	0.0519	32	0.0241	46	0.360
21	0.0785	12	0.0101	27	0.0409	26	0.0714	33	0.0216	51	0.505
22	0.0701	14	0.0141	28	0.0366	29	0.100	34	0.0191	58	0.719
23	0.0632	16	0.0193	29	0.0330	33	0.136	35	0.0170	65	1.01
24	0.0566	18	0.0268	30	0.0294	37	0.193	36	0.0152	73	1.40



OD10.2mm/0.40inch

Magnetic Dimensions

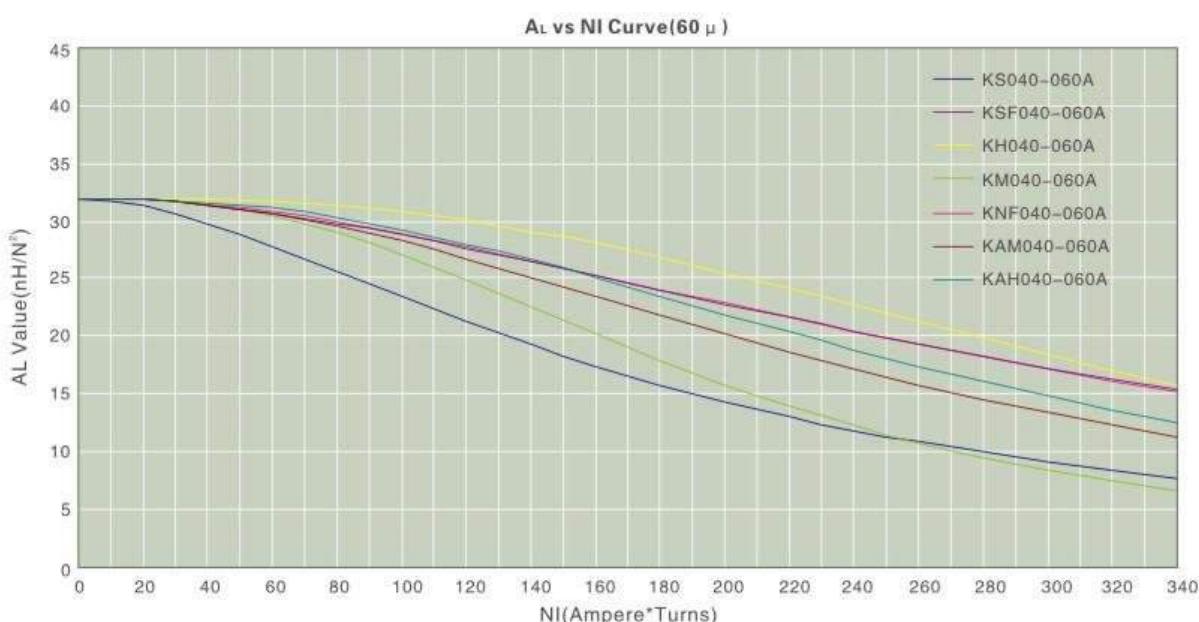
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.400 10.20	0.200 5.08	0.156 3.96	0.425 10.80	0.180 4.57	0.181 4.60	0.906 2.380	0.01550 0.100	0.014 0.238	0.02545 0.164

Dimensions Table

KDM Part No.							Perm. (μ)	A _L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS040-026A	KSF040-026A	KH040-026A	KM040-026A	KNF040-026A	KAM040-026A	KAH040-026A	26	14
KS040-060A	KSF040-060A	KH040-060A	KM040-060A	KNF040-060A	KAM040-060A	KAH040-060A	60	32
KS040-075A	KSF040-075A	—	—	KNF040-075A	KAM040-075A	KAH040-075A	75	40
KS040-090A	KSF040-090A	—	—	KNF040-090A	KAM040-090A	KAH040-090A	90	48
KS040-125A	—	KH040-125A	KM040-125A	—	KAM040-125A	KAH040-125A	125	66

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
18	0.109	9	0.00442	24	0.0566	20	0.0315	30	0.0294	40	0.230
19	0.0980	10	0.00613	25	0.0505	22	0.0439	31	0.0267	44	0.317
20	0.0879	12	0.00847	26	0.0452	25	0.0614	32	0.0241	49	0.430
21	0.0785	13	0.0118	27	0.0409	28	0.0845	33	0.0216	55	0.605
22	0.0701	15	0.0164	28	0.0366	32	0.119	34	0.0191	62	0.862
23	0.0632	17	0.0226	29	0.0330	35	0.162	35	0.0170	70	1.21



OD11.2mm/0.44inch

Magnetic Dimensions

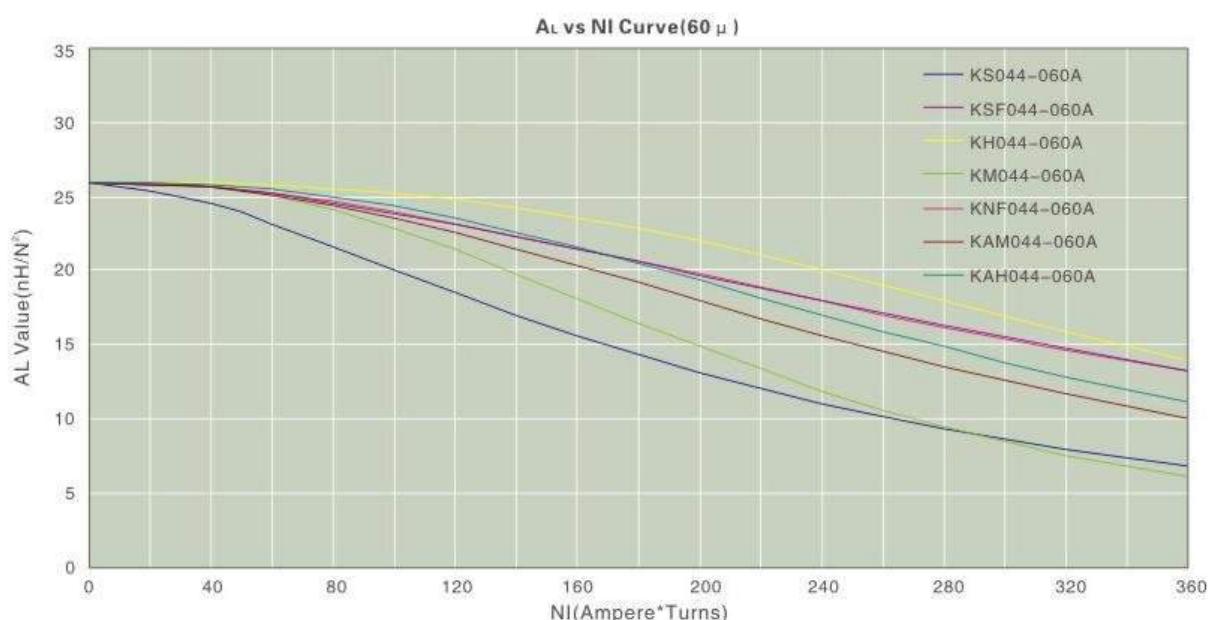
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.440 11.20	0.250 6.35	0.156 3.96	0.468 11.89	0.232 5.89	0.186 4.72	1.08 2.690	0.0140 0.090	0.01487 0.243	0.04227 0.273

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 12\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS044-026A	KSF044-026A	KH044-026A	KM044-026A	KNF044-026A	KAM044-020A	KAH044-026A	26	11
KS044-060A	KSF044-060A	KH044-060A	KM044-060A	KNF044-060A	KAM044-060A	KAH044-060A	60	26
KS044-075A	KSF044-075A	—	—	KNF044-075A	KAM044-075A	KAH044-075A	75	32
KS044-090A	KSF044-090A	—	—	KNF044-090A	KAM044-090A	KAH044-090A	90	38
KS044-125A	—	KH044-125A	KM044-125A	—	KAM044-125A	KAH044-125A	125	53

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
16	0.137	9	0.00299	22	0.0701	21	0.0212	28	0.0366	42	0.153
17	0.122	11	0.00412	23	0.0632	23	0.0292	29	0.0330	46	0.209
18	0.109	12	0.00572	24	0.0566	26	0.0406	30	0.0294	52	0.297
19	0.0980	14	0.00792	25	0.0505	29	0.0566	31	0.0267	58	0.410
20	0.0879	16	0.0109	26	0.0452	33	0.0792	32	0.0241	64	0.556
21	0.0785	18	0.0152	27	0.0409	37	0.109	33	0.0215	72	0.782



OD12.7mm/0.50inch

Magnetic Dimensions

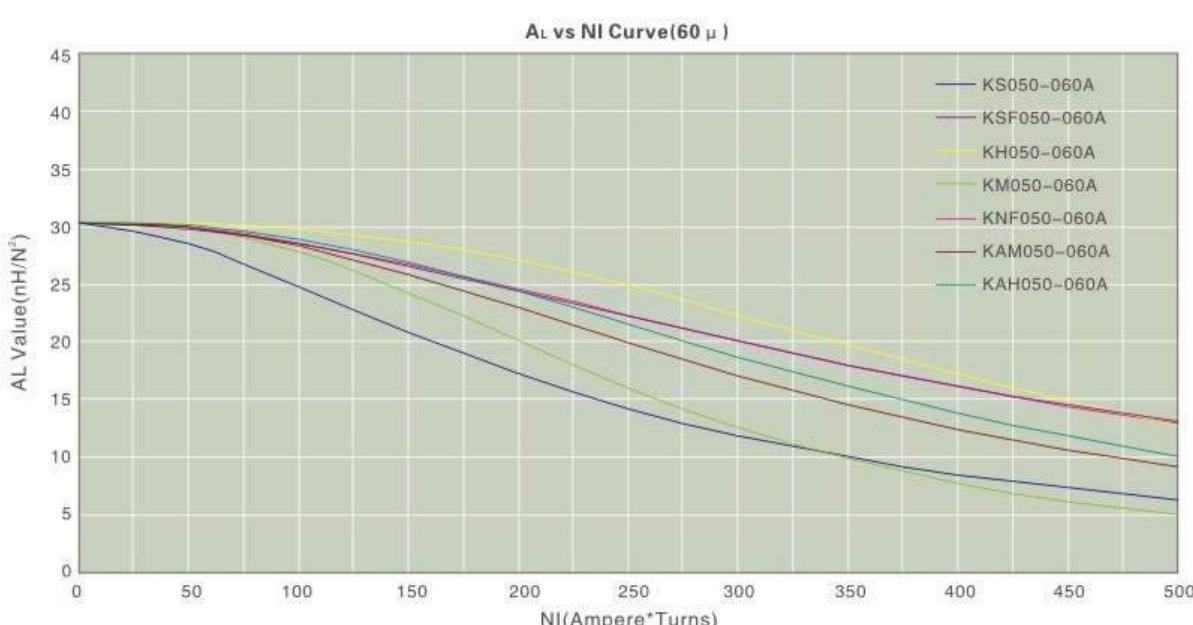
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.500 12.70	0.300 7.62	0.187 4.75	0.530 13.46	0.275 6.99	0.217 5.51	1.229 3.120	0.01767 0.114	0.0217 0.356	0.05940 0.383

Dimensions Table

KDM Part No.								Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS050-026A	KSF050-026A	KH050-026A	KM050-026A	KNF050-026A	KAM050-026A	KAH050-026A	26	12	
KS050-060A	KSF050-060A	KH050-060A	KM050-060A	KNF050-060A	KAM050-060A	KAH050-060A	60	27	
KS050-075A	KSF050-075A	—	—	KNF050-075A	KAM050-075A	KAH050-075A	75	34	
KS050-090A	KSF050-090A	—	—	KNF050-090A	KAM050-090A	KAH050-090A	90	40	
KS050-125A	—	KH050-125A	KM050-125A	—	KAM050-125A	KAH050-125A	125	56	

Magnet Wire Winding Data

AWG Wire				Single Layer				AWG Wire				Single Layer			
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
15	0.153	10	0.00271	21	0.0785	22	0.0193	27	0.0409	45	0.140	28	0.0366	50	0.197
16	0.137	11	0.00376	22	0.0701	25	0.0270	29	0.0330	56	0.269	30	0.0294	63	0.381
17	0.122	13	0.00520	23	0.0632	28	0.0371	31	0.0267	69	0.527	32	0.0241	73	0.716
18	0.109	15	0.00722	24	0.0566	31	0.0518								
19	0.0980	17	0.0100	25	0.0505	35	0.0723								
20	0.0879	19	0.0139	26	0.0452	40	0.101								



OD16.5mm/0.65inch

Magnetic Dimensions

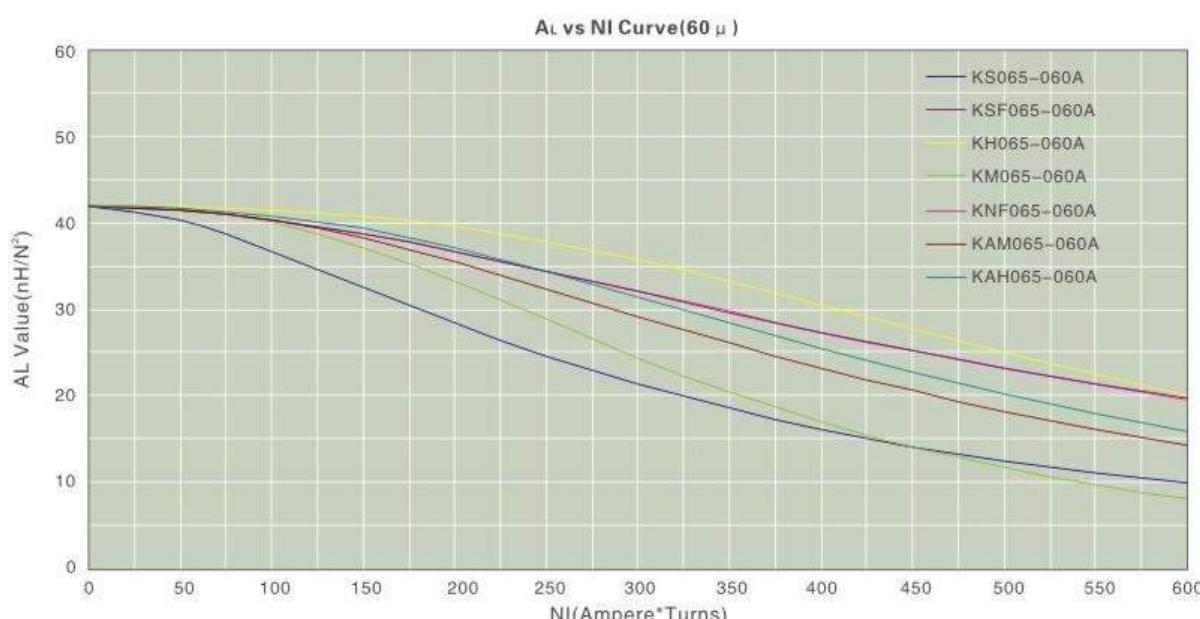
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.650 16.50	0.400 10.20	0.250 6.35	0.680 17.40	0.375 9.53	0.286 7.11	1.619 4.110	0.0298 0.192	0.048 0.789	0.11045 0.713

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS065-026A	KSF065-026A	KH065-026A	KM065-026A	KNF065-026A	KAM065-020A	KAH065-026A	26	15	
KS065-060A	KSF065-060A	KH065-060A	KM065-060A	KNF065-060A	KAM065-060A	KAH065-060A	60	35	
KS065-075A	KSF065-075A	—	—	KNF065-075A	KAM065-075A	KAH065-075A	75	43	
KS065-090A	KSF065-090A	—	—	KNF065-090A	KAM065-090A	KAH065-090A	90	52	
KS065-125A	—	KH065-125A	KM065-125A	—	KAM065-125A	KAH065-125A	125	72	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	10	0.00165	18	0.109	21	0.0119	24	0.0566	44	0.0876
13	0.190	11	0.00230	19	0.0980	24	0.0166	25	0.0505	49	0.123
14	0.171	13	0.00318	20	0.0879	27	0.0231	26	0.0452	55	0.172
15	0.153	15	0.00443	21	0.0785	31	0.0323	27	0.0409	62	0.239
16	0.137	17	0.00617	22	0.0701	35	0.0453	28	0.0366	69	0.336
17	0.122	19	0.00856	23	0.0632	39	0.0626	29	0.0330	77	0.460



OD17.3mm/0.68inch

Magnetic Dimensions

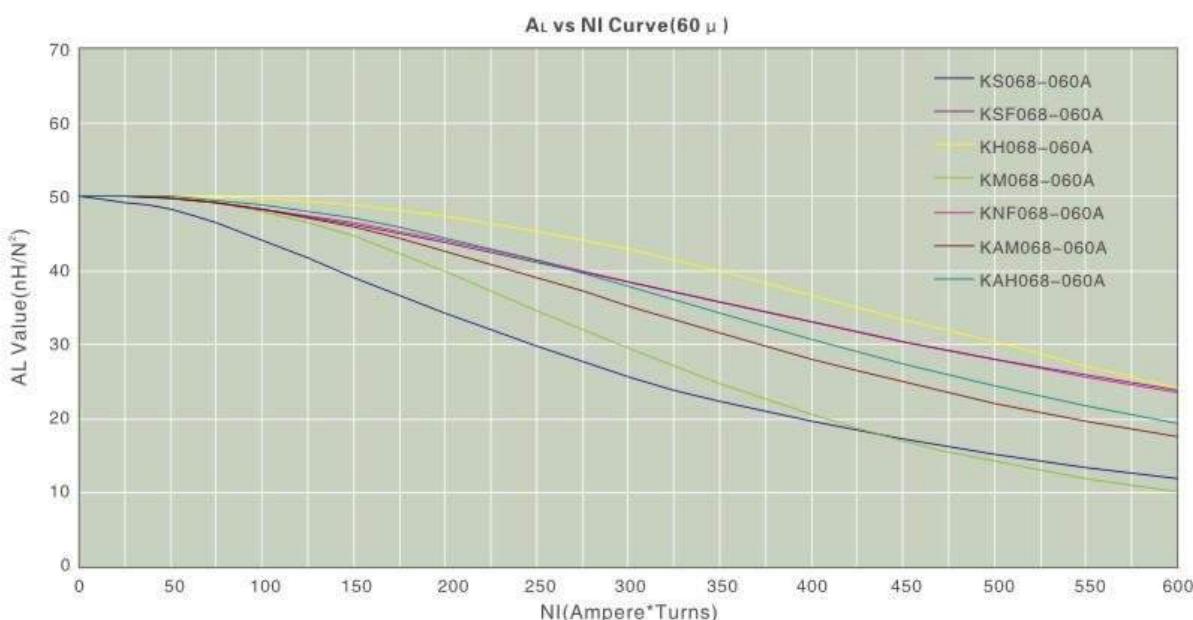
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.680 17.30	0.380 9.65	0.250 6.35	0.710 18.03	0.355 9.02	0.280 7.11	1.63 4.140	0.03600 0.232	0.059 0.960	0.09898 0.638

Dimensions Table

KDM Part No.								Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS068-026A	KSF068-026A	KH068-026A	KM068-026A	KNF068-026A	KAM068-026A	KAH068-026A	26	19	
KS068-060A	KSF068-060A	KH068-060A	KM068-060A	KNF068-060A	KAM068-060A	KAH068-060A	60	43	
KS068-075A	KSF068-075A	—	—	KNF068-075A	KAM068-075A	KAH068-075A	75	53	
KS068-090A	KSF068-090A	—	—	KNF068-090A	KAM068-090A	KAH068-090A	90	64	
KS068-125A	—	KH068-125A	KM068-125A	—	KAM068-125A	KAH068-125A	125	89	

Magnet Wire Winding Data

AWG Wire				Single Layer				AWG Wire				Single Layer			
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	9	0.00161	18	0.109	20	0.0118	24	0.0566	41	0.0869	25	0.0505	47	0.122
13	0.190	10	0.00225	19	0.0980	23	0.00164	26	0.0452	52	0.171	27	0.0409	58	0.237
14	0.171	12	0.00311	20	0.0879	26	0.0228	28	0.0366	65	0.334	29	0.0330	73	0.458
15	0.153	14	0.00434	21	0.0785	29	0.0319								
16	0.137	16	0.00606	22	0.0701	33	0.0449								
17	0.122	18	0.00843	23	0.0632	37	0.0621								



OD20.3mm/0.80inch

Magnetic Dimensions

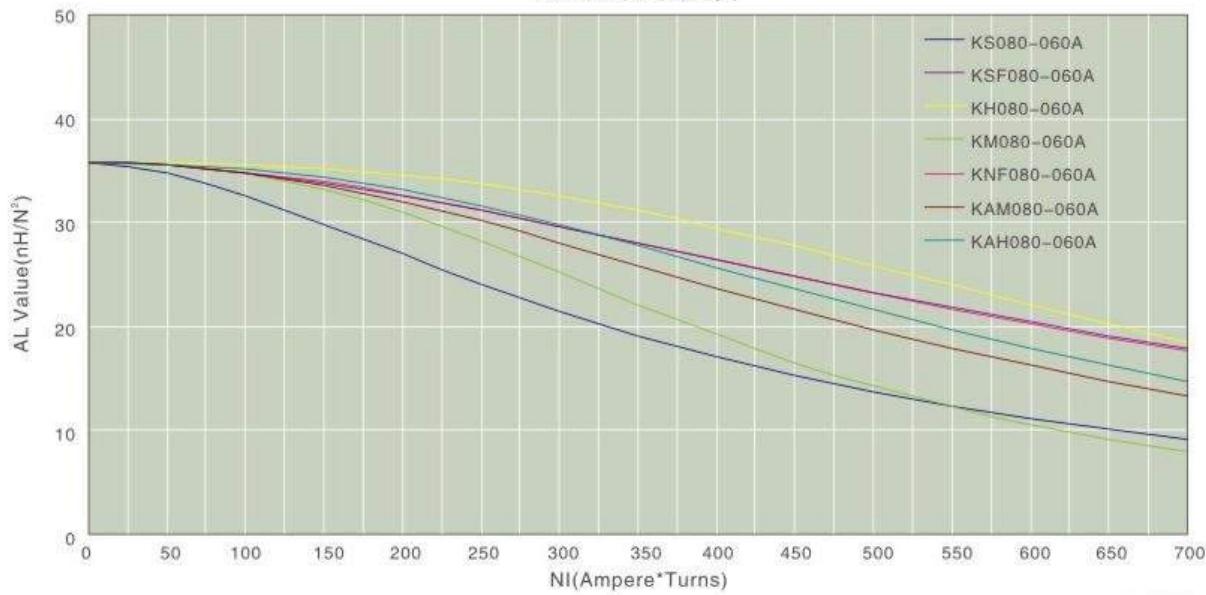
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.800 20.30	0.500 12.70	0.250 6.35	0.830 21.10	0.475 12.07	0.286 7.11	2.01 5.090	0.0350 0.226	0.0703 1.150	0.1772 1.140

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS080-026A	KSF080-026A	KH080-026A	KM080-026A	KNF080-026A	KAM080-020A	KAH080-026A	26	14	
KS080-060A	KSF080-060A	KH080-060A	KM080-060A	KNF080-060A	KAM080-060A	KAH080-060A	60	32	
KS080-075A	KSF080-075A	—	—	KNF080-075A	KAM080-075A	KAH080-075A	75	41	
KS080-090A	KSF080-090A	—	—	KNF080-090A	KAM080-090A	KAH080-090A	90	49	
KS080-125A	—	KH080-125A	KM080-125A	—	KAM080-125A	KAH080-125A	125	68	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	13	0.00221	18	0.109	28	0.0159	24	0.0566	56	0.0117
13	0.190	15	0.00307	19	0.0980	32	0.0222	25	0.0505	63	0.0164
14	0.171	17	0.00424	20	0.0879	35	0.0308	26	0.0452	71	0.230
15	0.153	19	0.00590	21	0.0785	40	0.0430	27	0.0409	79	0.318
16	0.137	22	0.00822	22	0.0701	45	0.0604	28	0.0366	89	0.448
17	0.122	25	0.00114	23	0.0632	50	0.0834	29	0.0330	98	0.614

AL vs NI Curve(60μ)

OD22.9mm/0.90inch

Magnetic Dimensions

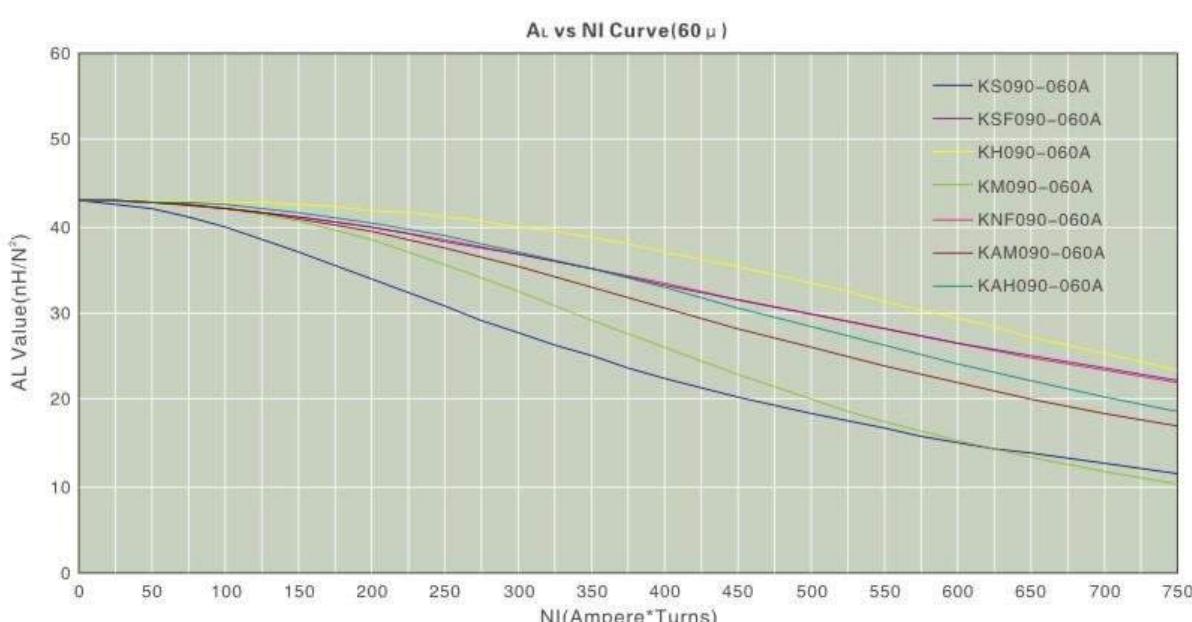
Before Coating			After Coating			ℓ_s in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.900 22.9	0.550 14.07	0.300 7.62	0.930 23.62	0.527 13.39	0.330 8.38	2.23 5.670	0.0513 0.331	0.114 1.880	0.2181 1.410

Dimensions Table

KDM Part No.								Perm. (μ)
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS090-026A	KSF090-026A	KH090-026A	KM090-026A	KNF090-026A	KAM090-026A	KAH090-026A	26	19
KS090-060A	KSF090-060A	KH090-060A	KM090-060A	KNF090-060A	KAM090-060A	KAH090-060A	60	43
KS090-075A	KSF090-075A	—	—	KNF090-075A	KAM090-075A	KAH090-075A	75	54
KS090-090A	KSF090-090A	—	—	KNF090-090A	KAM090-090A	KAH090-090A	90	65
KS090-125A	—	KH090-125A	KM090-125A	—	KAM090-125A	KAH090-125A	125	90

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	15	0.00276	18	0.109	31	0.0202	24	0.0566	63	0.150
13	0.190	17	0.00384	19	0.0980	35	0.0281	25	0.0505	71	0.210
14	0.171	19	0.00532	20	0.0879	40	0.0392	26	0.0452	79	0.295
15	0.153	22	0.00742	21	0.0785	45	0.0548	27	0.0409	88	0.409
16	0.137	25	0.0104	22	0.0701	50	0.0770	28	0.0366	99	0.577
17	0.122	28	0.0144	23	0.0632	56	0.107	29	0.0330	109	0.791



OD23.6mm/0.92inch

Magnetic Dimensions

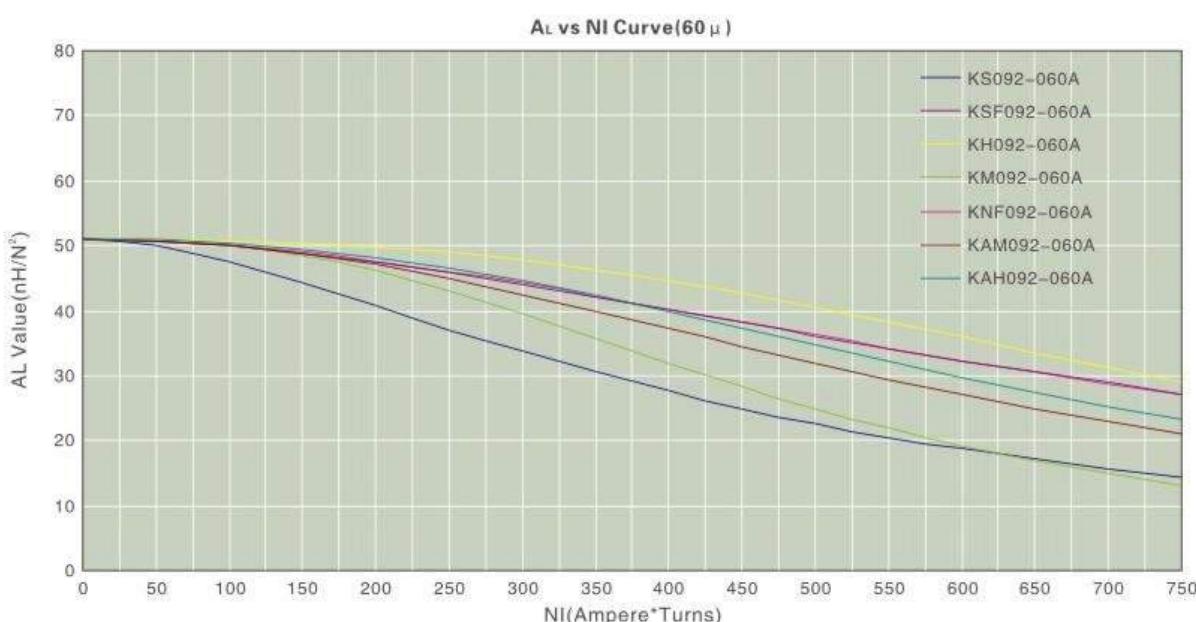
Before Coating			After Coating			ℓ_s in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.928 23.60	0.567 14.40	0.350 8.89	0.956 24.30	0.542 13.77	0.382 9.70	2.32 5.880	0.061 0.388	0.142 2.280	0.2307 1.490

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS092-026A	KSF092-026A	KH092-026A	KM092-026A	KNF092-026A	KAM092-020A	KAH092-026A	26	22
KS092-060A	KSF092-060A	KH092-060A	KM092-060A	KNF092-060A	KAM092-060A	KAH092-060A	60	51
KS092-075A	KSF092-075A	—	—	KNF092-075A	KAM092-075A	KAH092-075A	75	63
KS092-090A	KSF092-090A	—	—	KNF092-090A	KAM092-090A	KAH092-090A	90	76
KS092-125A	—	KH092-125A	KM092-125A	—	KAM092-125A	KAH092-125A	125	105

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	15	0.00307	18	0.109	32	0.0227	24	0.0566	65	0.170
13	0.190	17	0.00429	19	0.0980	36	0.0318	25	0.0505	73	0.238
14	0.171	20	0.00595	20	0.0879	41	0.0443	26	0.0452	81	0.336
15	0.153	22	0.00832	21	0.0785	46	0.0620	27	0.0409	91	0.465
16	0.137	25	0.0116	22	0.0701	52	0.0874	28	0.0366	104	0.657
17	0.122	29	0.0162	23	0.0632	58	0.1210	29	0.0330	112	0.901



OD26.9mm/1.06inches

Magnetic Dimensions

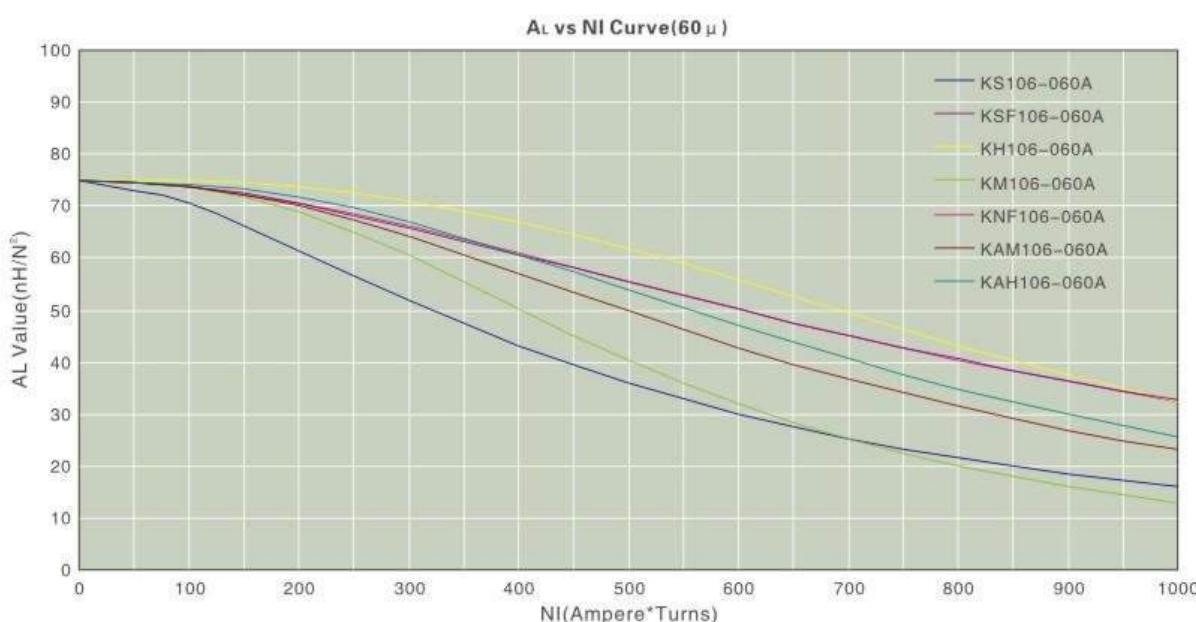
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.060 26.90	0.580 14.70	0.440 11.20	1.090 27.70	0.555 14.10	0.472 11.99	2.50 6.350	0.1014 0.654	0.254 4.150	0.2419 1.560

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS106-026A	KSF106-026A	KH106-026A	KM106-026A	KNF106-026A	KAM106-026A	KAH106-026A	26	32	
KS106-060A	KSF106-060A	KH106-060A	KM106-060A	KNF106-060A	KAM106-060A	KAH106-060A	60	75	
KS106-075A	KSF106-075A	—	—	KNF106-075A	KAM106-075A	KAH106-075A	75	94	
KS106-090A	KSF106-090A	—	—	KNF106-090A	KAM106-090A	KAH106-090A	90	113	
KS106-125A	—	KH106-125A	KM106-125A	—	KAM106-125A	KAH106-125A	125	157	

Magnet Wire Winding Data

AWG Wire Single Layer				AWG Wire Single Layer				AWG Wire Single Layer			
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	16	0.00367	18	0.109	33	0.0276	24	0.0566	66	0.209
13	0.190	18	0.00514	19	0.0980	37	0.0387	25	0.0505	74	0.294
14	0.171	20	0.00715	20	0.0879	42	0.0541	26	0.0452	83	0.414
15	0.153	23	0.0100	21	0.0785	47	0.0759	27	0.0409	93	0.575
16	0.137	26	0.0141	22	0.0701	53	0.107	28	0.0366	104	0.812
17	0.122	29	0.0197	23	0.0632	59	0.149	29	0.0330	115	1.11



OD26.9mm/1.06inches

Magnetic Dimensions

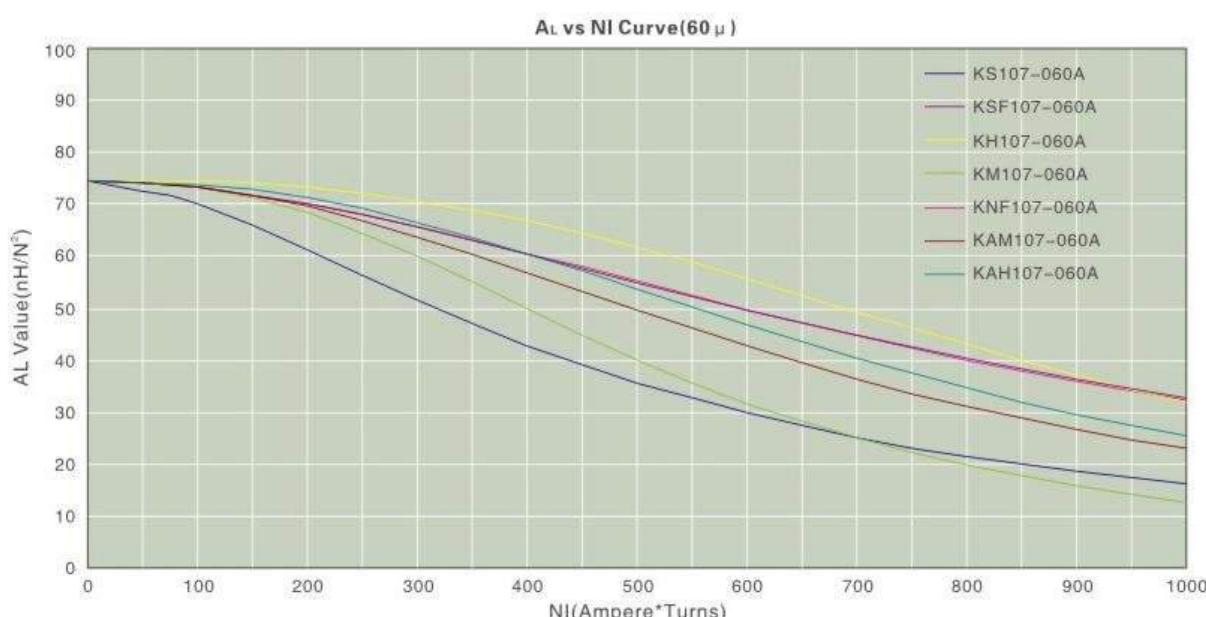
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	2.501 6.352	0.07699 0.497	0.1975 3.1551	0.2419 1.5608
1.060 26.90	0.580 14.70	0.340 8.64	1.090 27.70	0.555 14.10	0.372 9.45				

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS107-026A	KSF107-026A	KH107-026A	KM107-026A	KNF107-026A	KAM107-020A	KAH107-026A	26	22	
KS107-060A	KSF107-060A	KH107-060A	KM107-060A	KNF107-060A	KAM107-060A	KAH107-060A	60	59	
KS107-075A	KSF107-075A	—	—	KNF107-075A	KAM107-075A	KAH107-075A	75	74	
KS107-090A	KSF107-090A	—	—	KNF107-090A	KAM107-090A	KAH107-090A	90	89	
KS107-125A	—	KH107-125A	KM107-125A	—	KAM107-125A	KAH107-125A	125	123	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213			18	0.109			24	0.0566		
13	0.190			19	0.0980			25	0.0505		
14	0.171	N.A.	N.A.	20	0.0879	N.A.	N.A.	26	0.0452	N.A.	N.A.
15	0.153			21	0.0785			27	0.0409		
16	0.137			22	0.0701			28	0.0366		
17	0.122			23	0.0632			29	0.0330		



OD33.0mm/1.30inches

Magnetic Dimensions

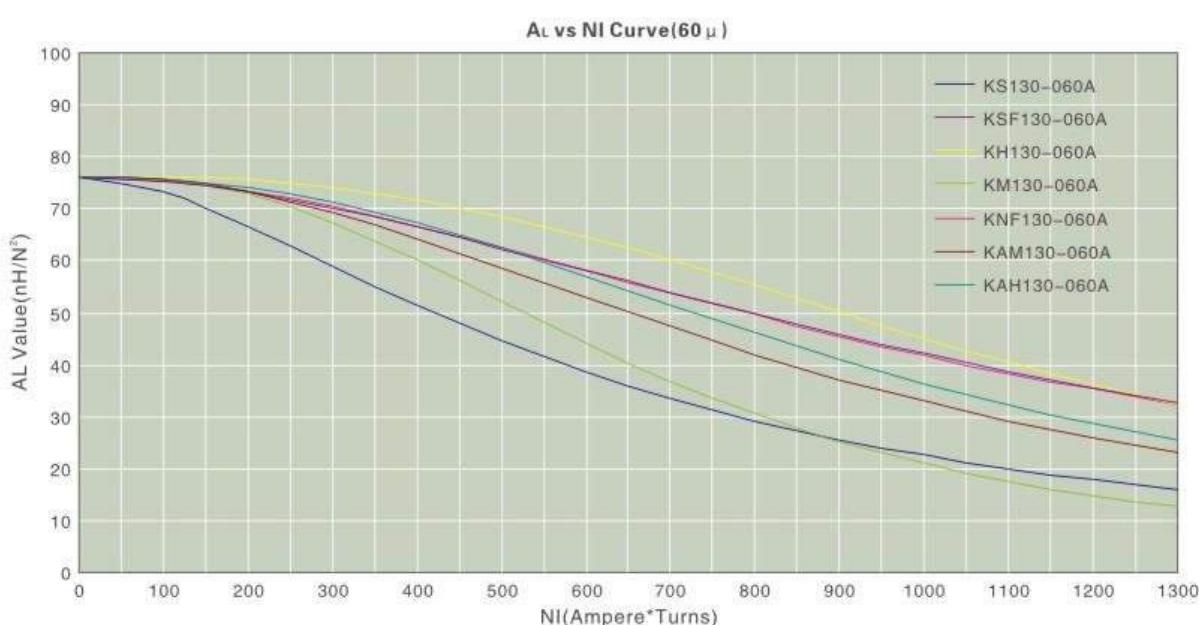
Before Coating			After Coating			ℓ_s in/cm	A _s in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.300 33.00	0.785 19.90	0.420 10.70	1.332 33.83	0.760 19.30	0.457 11.61	3.21 8.150	0.1042 0.672	0.334 5.480	0.4537 2.930

Dimensions Table

KDM Part No.							Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS130-026A	KSF130-026A	KH130-026A	KM130-026A	KNF130-026A	KAM130-026A	KAH130-026A	26	28
KS130-060A	KSF130-060A	KH130-060A	KM130-060A	KNF130-060A	KAM130-060A	KAH130-060A	60	61
KS130-075A	KSF130-075A	—	—	KNF130-075A	KAM130-075A	KAH130-075A	75	76
KS130-090A	KSF130-090A	—	—	KNF130-090A	KAM130-090A	KAH130-090A	90	91
KS130-125A	—	KH130-125A	KM130-125A	—	KAM130-125A	KAH130-125A	125	127

Magnet Wire Winding Data

AWG Wire				Single Layer				AWG Wire				Single Layer			
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213	23	0.00517	18	0.109	46	0.0384	24	0.0566	92	0.289	25	0.0505	103	0.406
13	0.190	26	0.00722	19	0.0980	52	0.0538	26	0.0452	115	0.572	27	0.0409	128	0.794
14	0.171	29	0.0100	20	0.0879	58	0.0750	28	0.0366	143	1.12	29	0.0330	159	1.54
15	0.153	32	0.0140	21	0.0785	66	0.105								
16	0.137	37	0.0197	22	0.0701	74	0.148								
17	0.122	41	0.0274	23	0.0632	82	0.206								



OD33.0mm/1.30inches

Magnetic Dimensions

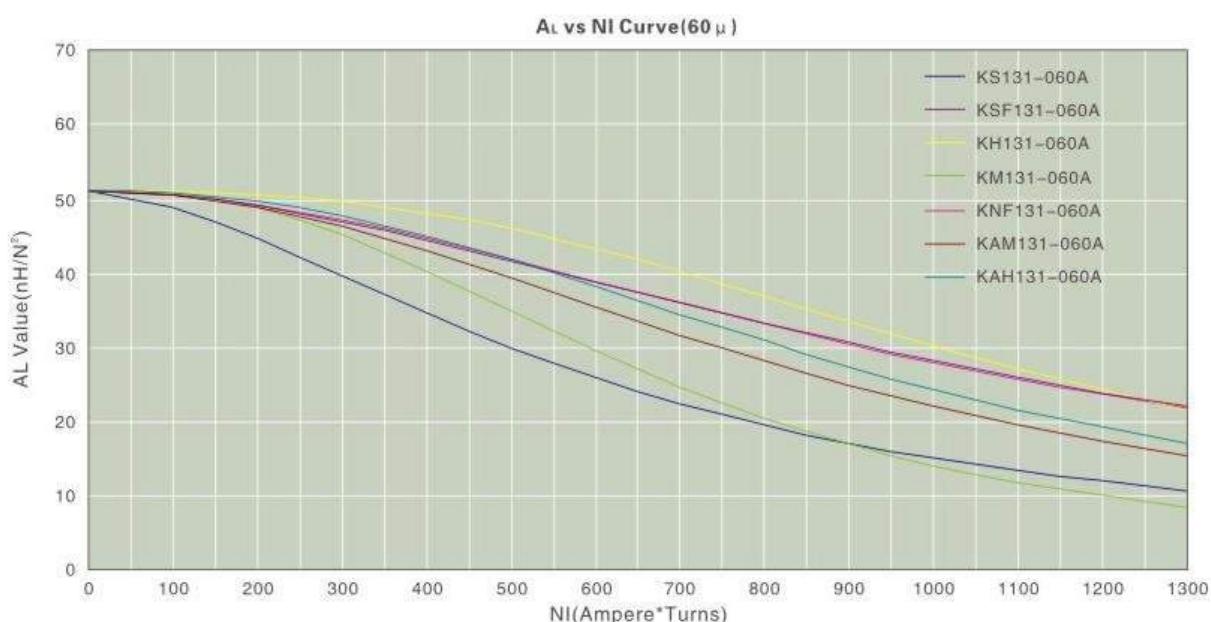
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	3.207 8.147	0.08543 0.55116	0.2740 4.4902	0.4537 2.9267
1.300 33.00	0.785 19.90	0.345 8.76	1.332 33.83	0.760 19.30	0.382 9.70				

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS131-026A	KSF131-026A	KH131-026A	KM131-026A	KNF131-026A	KAM131-020A	KAH131-026A	26	22	
KS131-060A	KSF131-060A	KH131-060A	KM131-060A	KNF131-060A	KAM131-060A	KAH131-060A	60	51	
KS131-075A	KSF131-075A	—	—	KNF131-075A	KAM131-075A	KAH131-075A	75	64	
KS131-090A	KSF131-090A	—	—	KNF131-090A	KAM131-090A	KAH131-090A	90	76.5	
KS131-125A	—	KH131-125A	KM131-125A	—	KAM131-125A	KAH131-125A	125	109	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
12	0.213			18	0.109			24	0.0566		
13	0.190			19	0.0980			25	0.0505		
14	0.171	N.A.	N.A.	20	0.0879	N.A.	N.A.	26	0.0452	N.A.	N.A.
15	0.153			21	0.0785			27	0.0409		
16	0.137			22	0.0701			28	0.0366		
17	0.122			23	0.0632			29	0.0330		



OD33.0mm/1.30inches

Magnetic Dimensions

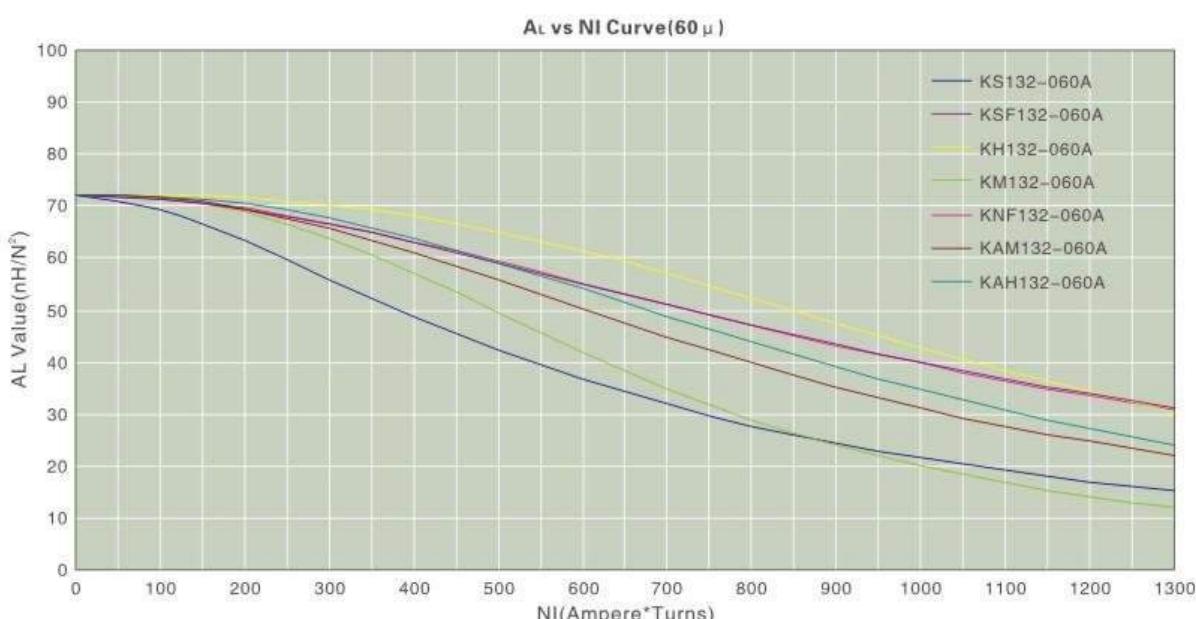
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.300 33.00	0.785 19.90	0.440 11.18	1.332 33.83	0.760 19.30	0.472 11.99	3.207 8.147	0.1082 0.6981	0.3470 5.6870	0.4537 2.9267

Dimensions Table

KDM Part No.								Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS132-026A	KSF132-026A	KH132-026A	KM132-026A	KNF132-026A	KAM132-026A	KAH132-026A	26	28	
KS132-060A	KSF132-060A	KH132-060A	KM132-060A	KNF132-060A	KAM132-060A	KAH132-060A	60	65	
KS132-075A	KSF132-075A	—	—	KNF132-075A	KAM132-075A	KAH132-075A	75	81	
KS132-090A	KSF132-090A	—	—	KNF132-090A	KAM132-090A	KAH132-090A	90	97	
KS132-125A	—	KH132-125A	KM132-125A	—	KAM132-125A	KAH132-125A	125	135	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.213			16	0.109			22	0.0566		
11	0.190			17	0.0980			23	0.0505		
12	0.171	N.A.	N.A.	18	0.0879	N.A.	N.A.	24	0.0452	N.A.	N.A.
13	0.153			19	0.0785			25	0.0409		
14	0.137			20	0.0701			26	0.0366		
15	0.122			21	0.0632			27	0.0330		



OD34.3mm/1.35inches

Magnetic Dimensions

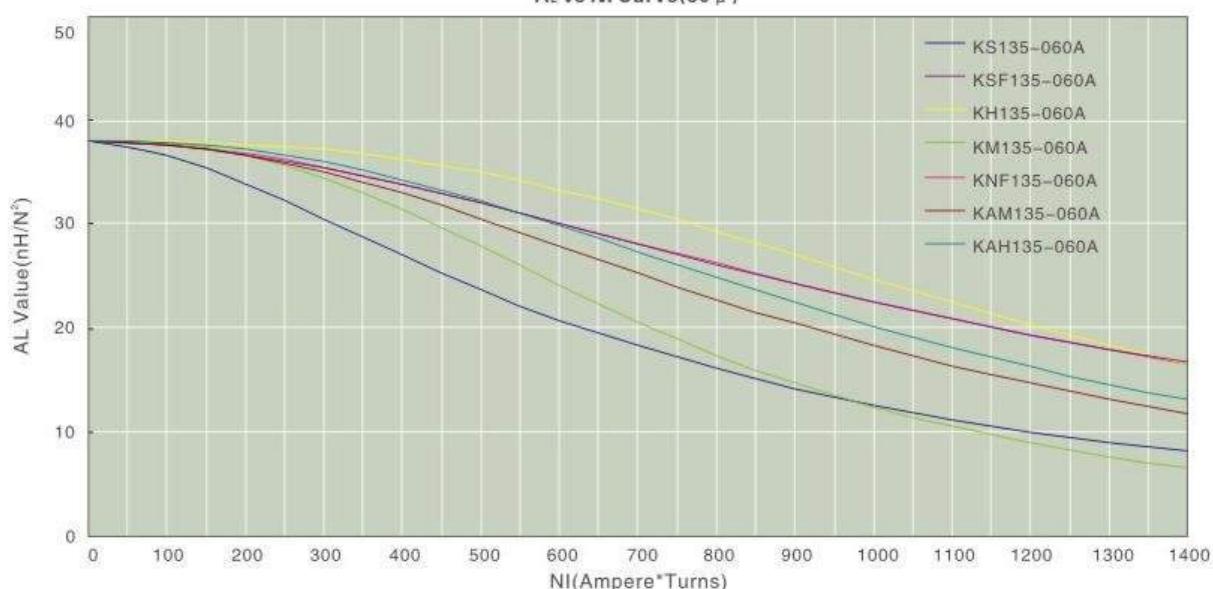
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.350 34.30	0.920 23.40	0.350 8.89	1.382 35.10	0.888 22.56	0.387 9.83	3.53 8.950	0.0704 0.454	0.249 4.060	0.6193 4.010

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS135-026A	KSF135-026A	KH135-026A	KM135-026A	KNF135-026A	KAM135-026A	KAH135-026A	26	16	
KS135-060A	KSF135-060A	KH135-060A	KM135-060A	KNF135-060A	KAM135-060A	KAH135-060A	60	38	
KS135-075A	KSF135-075A	—	—	KNF135-075A	KAM135-075A	KAH135-075A	75	47	
KS135-090A	KSF135-090A	—	—	KNF135-090A	KAM135-090A	KAH135-090A	90	57	
KS135-125A	—	KH135-125A	KM135-125A	—	KAM135-125A	KAH135-125A	125	79	

Magnet Wire Winding Data

AWG Wire				Single Layer				AWG Wire				Single Layer			
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.213	27	0.00533	16	0.109	55	0.0388	22	0.0566	108	0.288	23	0.0505	121	0.404
11	0.190	30	0.00740	17	0.0980	61	0.0541	24	0.0452	135	0.569	25	0.0409	150	0.789
12	0.171	34	0.0102	18	0.0879	69	0.0754	26	0.0366	168	1.11	27	0.0330	186	1.53
13	0.153	38	0.0143	19	0.0785	77	0.105								
14	0.137	43	0.0199	20	0.0701	87	0.148								
15	0.122	49	0.0277	21	0.0632	96	0.206								

AL vs NI Curve(60μ)

OD35.8mm/1.41inches

Magnetic Dimensions

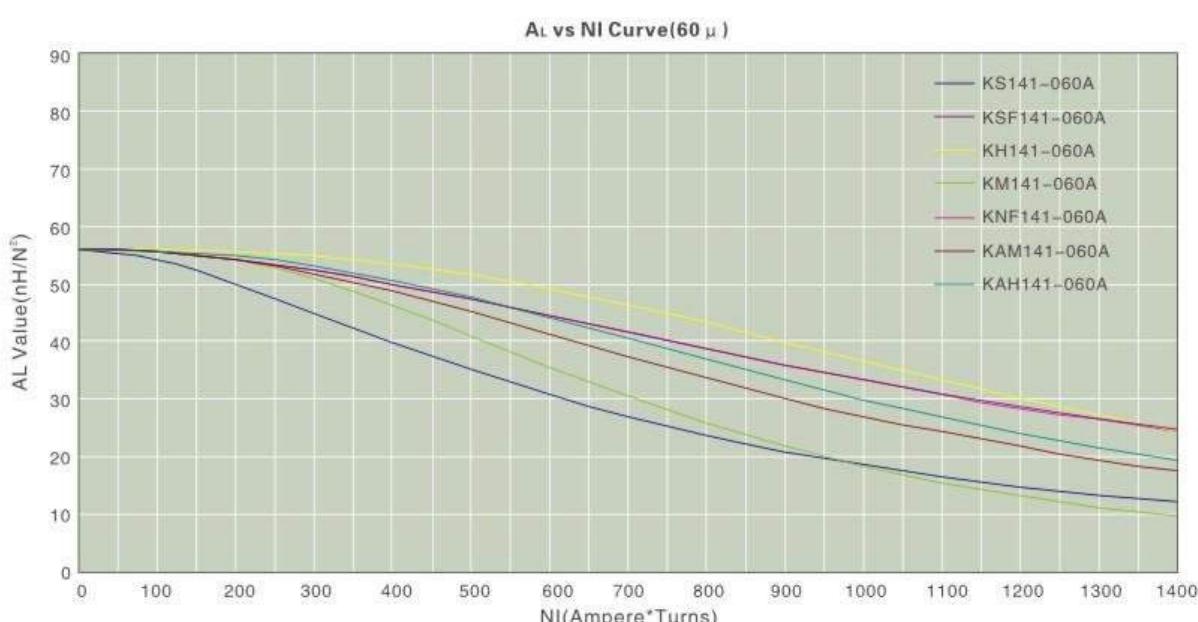
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.410 35.80	0.880 22.40	0.412 10.50	1.442 36.63	0.848 21.54	0.444 11.28	3.54 8.980	0.1051 0.678	0.372 6.088	0.5648 3.640

Dimensions Table

KDM Part No.							Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS141-026A	KSF141-026A	KH141-026A	KM141-026A	KNF141-026A	KAM141-026A	KAH141-026A	26	24
KS141-060A	KSF141-060A	KH141-060A	KM141-060A	KNF141-060A	KAM141-060A	KAH141-060A	60	56
KS141-075A	KSF141-075A	—	—	KNF141-075A	KAM141-075A	KAH141-075A	75	70
KS141-090A	KSF141-090A	—	—	KNF141-090A	KAM141-090A	KAH141-090A	90	84
KS141-125A	—	KH141-125A	KM141-125A	—	KAM141-125A	KAH141-125A	125	117

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.213	25	0.00579	16	0.109	52	0.0429	22	0.0566	103	0.322
11	0.190	29	0.00809	17	0.0980	58	0.0600	23	0.0505	115	0.152
12	0.171	32	0.0112	18	0.0879	65	0.0837	24	0.0452	129	0.637
13	0.153	37	0.0157	19	0.0785	74	0.117	25	0.0409	143	0.885
14	0.137	41	0.0220	20	0.0701	82	0.116	26	0.0366	160	1.25
15	0.122	46	0.0306	21	0.0632	92	0.229	27	0.0330	177	1.71



OD39.9mm/1.57inches

Magnetic Dimensions

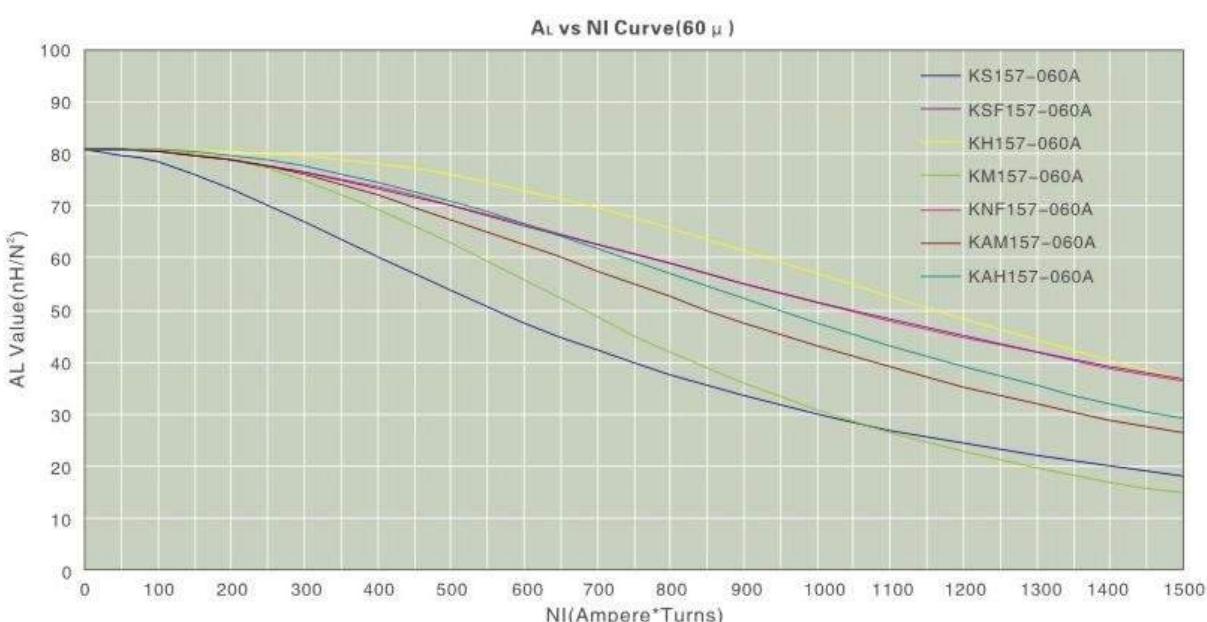
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.570 39.90	0.950 24.10	0.570 14.50	1.602 40.72	0.918 23.30	0.605 15.37	3.88 9.840	0.1662 1.072	0.645 10.500	0.6619 4.270

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS157-026A	KSF157-026A	KH157-026A	KM157-026A	KNF157-026A	KAM157-026A	KAH157-026A	26	35	
KS157-060A	KSF157-060A	KH157-060A	KM157-060A	KNF157-060A	KAM157-060A	KAH157-060A	60	81	
KS157-075A	KSF157-075A	—	—	KNF157-075A	KAM157-075A	KAH157-075A	75	101	
KS157-090A	KSF157-090A	—	—	KNF157-090A	KAM157-090A	KAH157-090A	90	121	
KS157-125A	—	KH157-125A	KM157-125A	—	KAM157-125A	KAH157-125A	125	168	

Magnet Wire Winding Data

AWG Wire				Single Layer				AWG Wire				Single Layer			
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	22	0.00389	16	0.137	45	0.0292	22	0.0566	90	0.223	23	0.0505	100	0.309
11	0.238	25	0.00545	17	0.122	50	0.0408	24	0.0452	112	0.435	25	0.0409	125	0.611
12	0.213	28	0.00762	18	0.109	57	0.0574	26	0.0366	140	0.862	27	0.0330	155	1.20
13	0.190	31	0.0107	19	0.0785	64	0.0804								
14	0.171	35	0.0148	20	0.0701	71	0.112								
15	0.153	40	0.0208	21	0.0632	80	0.158								



OD42.9mm/1.68inches

Magnetic Dimensions

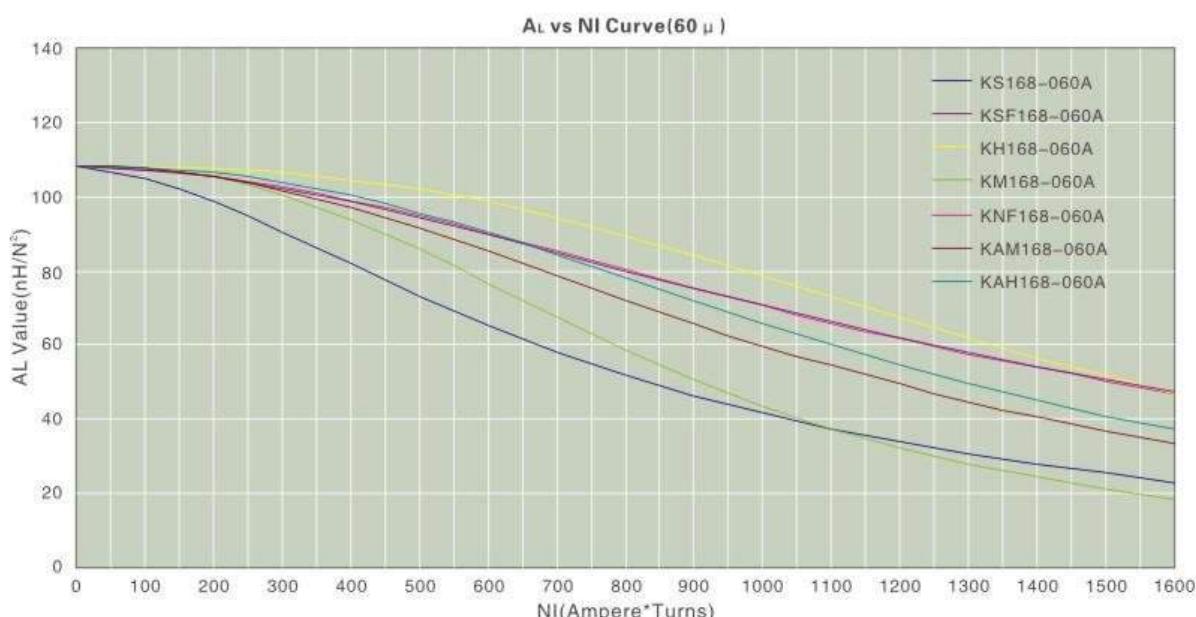
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.689 42.90	0.953 24.20	0.640 16.26	1.732 44.00	0.917 23.30	0.676 17.16	4.04 10.216	0.229 1.475	0.96 15.741	0.5648 3.644

Dimensions Table

KDM Part No.								Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS168-026A	KSF168-026A	KH168-026A	KM168-026A	KNF168-026A	KAM168-026A	KAH168-026A	26	47	
KS168-060A	KSF168-060A	KH168-060A	KM168-060A	KNF168-060A	KAM168-060A	KAH168-060A	60	108	
KS168-075A	KSF168-075A	—	—	KNF168-075A	KAM168-075A	KAH168-075A	75	135	
KS168-090A	KSF168-090A	—	—	KNF168-090A	KAM168-090A	KAH168-090A	90	161	
KS168-125A	—	KH168-125A	KM168-125A	—	KAM168-125A	KAH168-125A	125	224	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267			16	0.137			22	0.0566		
11	0.238			17	0.122			23	0.0505		
12	0.213	N.A.	N.A.	18	0.109	N.A.	N.A.	24	0.0452	N.A.	N.A.
13	0.190			19	0.0785			25	0.0409		
14	0.171			20	0.0701			26	0.0366		
15	0.153			21	0.0632			27	0.0330		



OD46.7mm/1.84inches

Magnetic Dimensions

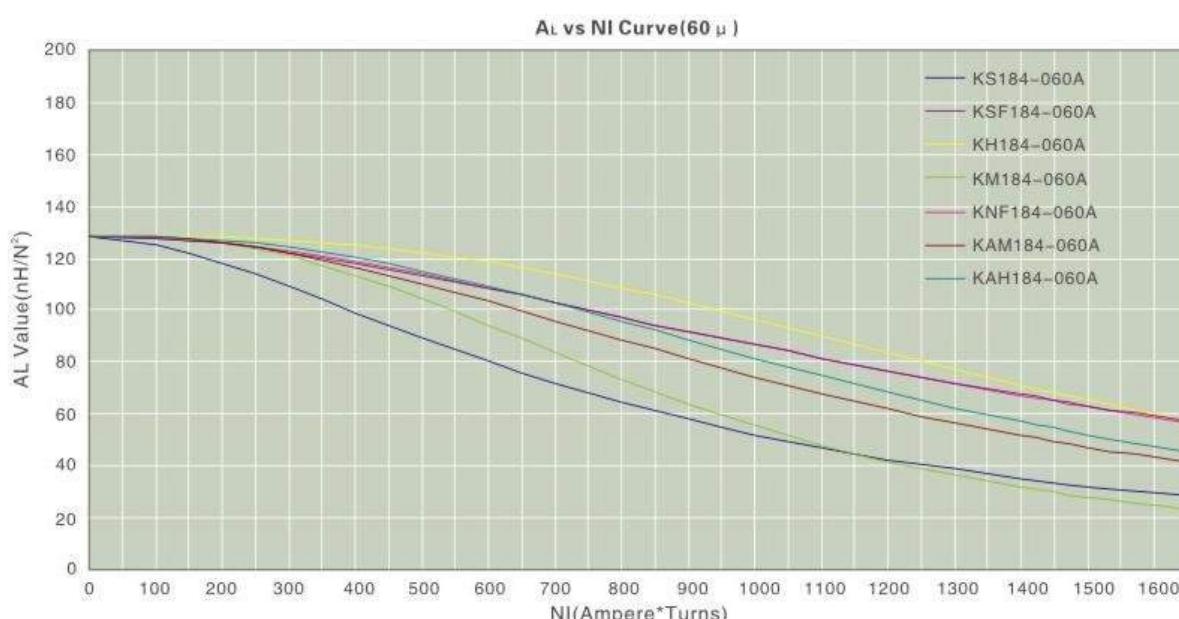
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	4.23 10.740	0.308 1.990	1.30 21.300	0.6619 4.270
1.840 46.70	0.950 24.10	0.710 18.00	1.875 47.63	0.918 23.32	0.745 18.92				

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS184-026A	KSF184-026A	KH184-026A	KM184-026A	KNF184-026A	KAM184-026A	KAH184-026A	26	59
KS184-060A	KSF184-060A	KH184-060A	KM184-060A	KNF184-060A	KAM184-060A	KAH184-060A	60	135
KS184-075A	KSF184-075A	—	—	KNF184-075A	KAM184-075A	KAH184-075A	75	169
KS184-090A	KSF184-090A	—	—	KNF184-090A	KAM184-090A	KAH184-090A	90	202
KS184-125A	—	KH184-125A	KM184-125A	—	KAM184-125A	KAH184-125A	125	281

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	22	0.0488	16	0.137	45	0.0375	22	0.0566	90	0.290
11	0.238	25	0.0688	17	0.122	50	0.0526	23	0.0505	100	0.403
12	0.213	28	0.0966	18	0.109	57	0.0740	24	0.0452	112	0.567
13	0.190	31	0.0136	19	0.0785	64	0.104	25	0.0409	125	0.798
14	0.171	35	0.0189	20	0.0701	71	0.146	26	0.0366	140	1.13
15	0.153	40	0.0267	21	0.0632	80	0.205	27	0.0330	155	1.57



OD46.7mm/1.84inches

Magnetic Dimensions

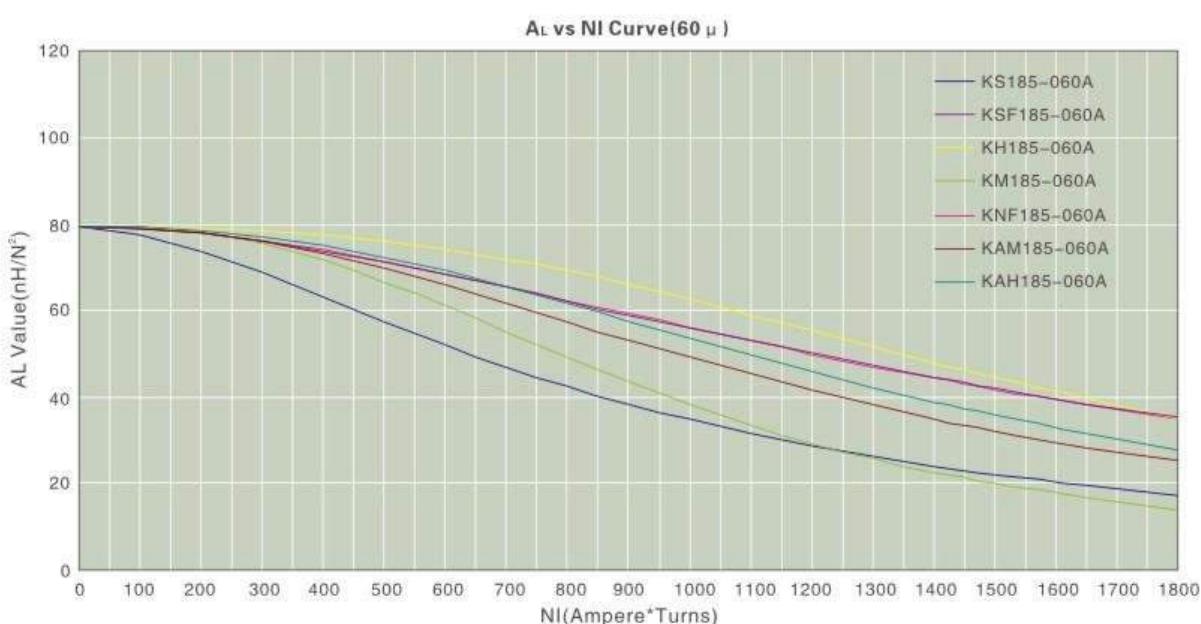
Before Coating			After Coating			ℓ_e in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.840 46.70	1.130 28.70	0.600 15.20	1.875 47.63	1.098 27.89	0.635 16.13	4.58 11.630	0.208 1.340	0.953 15.530	0.6469 6.110

Dimensions Table

KDM Part No.								Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS185-026A	KSF185-026A	KH185-026A	KM185-026A	KNF185-026A	KAM185-026A	KAH185-026A	26	37	
KS185-060A	KSF185-060A	KH185-060A	KM185-060A	KNF185-060A	KAM185-060A	KAH185-060A	60	86	
KS185-075A	KSF185-075A	—	—	KNF185-075A	KAM185-075A	KAH185-075A	75	107	
KS185-090A	KSF185-090A	—	—	KNF185-090A	KAM185-090A	KAH185-090A	90	128	
KS185-125A	—	KH185-125A	KM185-125A	—	KAM185-125A	KAH185-125A	125	178	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	26	0.00505	16	0.137	54	0.0380	22	0.0701	108	0.290
11	0.238	30	0.00708	17	0.122	61	0.0530	23	0.0632	120	0.402
12	0.213	34	0.0099	18	0.109	68	0.0745	24	0.0566	134	0.565
13	0.190	38	0.0139	19	0.0980	77	0.104	25	0.0505	150	0.795
14	0.171	43	0.0193	20	0.0879	86	0.146	26	0.0452	168	1.12
15	0.153	48	0.0270	21	0.0785	96	0.205	27	0.0409	186	1.56



OD50.8mm/2.00inches

Magnetic Dimensions

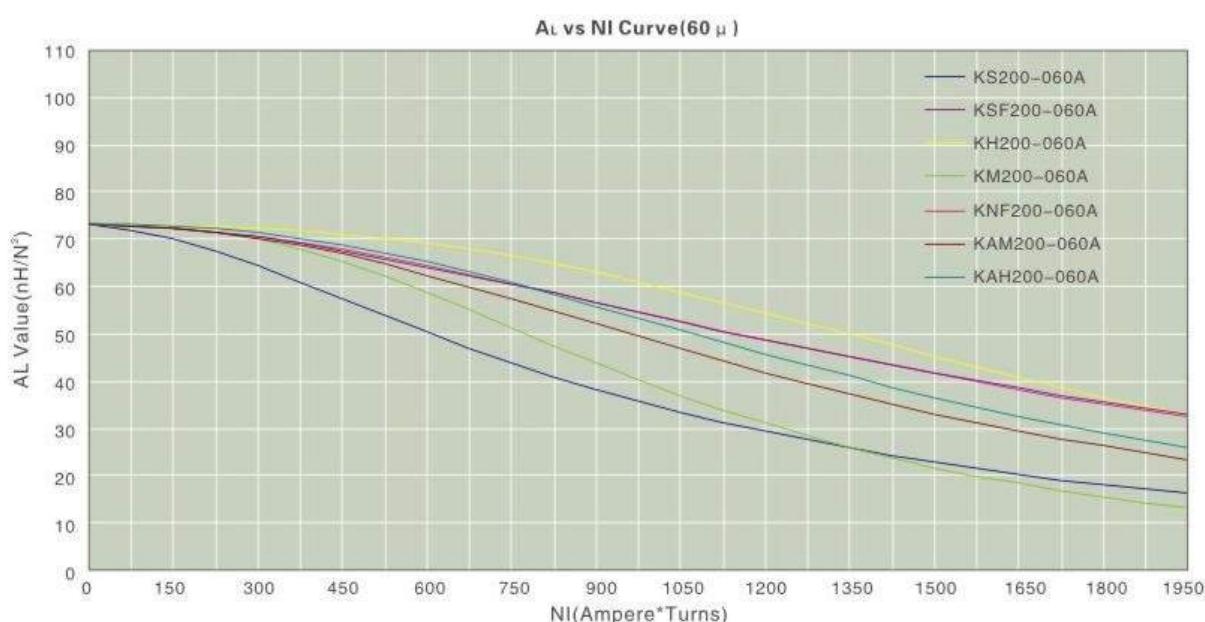
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	5.02 12.730	0.194 1.251	0.974 15.930	1.165 7.500
2.000 50.80	1.250 31.80	0.530 13.50	2.035 51.69	1.218 30.94	0.565 14.35				

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS200-026A	KSF200-026A	KH200-026A	KM200-026A	KNF200-026A	KAM200-026A	KAH200-026A	26	32	
KS200-060A	KSF200-060A	KH200-060A	KM200-060A	KNF200-060A	KAM200-060A	KAH200-060A	60	73	
KS200-075A	KSF200-075A	—	—	KNF200-075A	KAM200-075A	KAH200-075A	75	91	
KS200-090A	KSF200-090A	—	—	KNF200-090A	KAM200-090A	KAH200-090A	90	109	
KS200-125A	—	KH200-125A	KM200-125A	—	KAM200-125A	KAH200-125A	125	152	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	30	0.00539	16	0.137	60	0.0402	22	0.0701	120	0.306
11	0.238	33	0.00754	17	0.122	68	0.0562	23	0.0632	133	0.424
12	0.213	38	0.0105	18	0.109	76	0.0788	24	0.0566	149	0.596
13	0.190	43	0.0147	19	0.0980	85	0.110	25	0.0505	167	0.838
14	0.171	48	0.0205	20	0.0879	95	0.154	26	0.0452	186	1.18
15	0.153	54	0.0287	21	0.0785	107	0.216	27	0.0409	207	1.64



OD57.2mm/2.25inches

Magnetic Dimensions

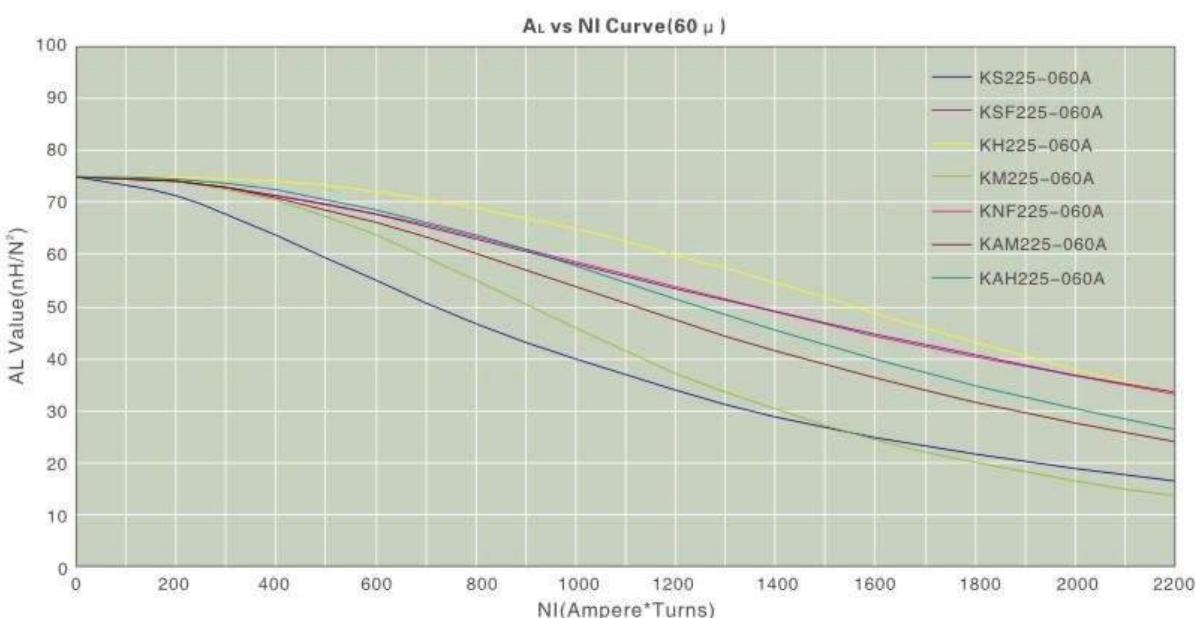
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
2.250 57.20	1.400 35.60	0.550 14.00	2.285 58.00	1.368 34.70	0.585 14.86	5.63 14.300	0.224 1.444	12.260 20.650	1.470 9.480

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS225-026A	KSF225-026A	KH225-026A	KM225-026A	KNF225-026A	KAM225-026A	KAH225-026A	26	33
KS225-060A	KSF225-060A	KH225-060A	KM225-060A	KNF225-060A	KAM225-060A	KAH225-060A	60	75
KS225-075A	KSF225-075A	—	—	KNF225-075A	KAM225-075A	KAH225-075A	75	94
KS225-090A	KSF225-090A	—	—	KNF225-090A	KAM225-090A	KAH225-090A	90	112
KS225-125A	—	KH225-125A	KM225-125A	—	KAM225-125A	KAH225-125A	125	156

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	37	0.00644	16	0.137	76	0.0531	22	0.0701	152	0.428
11	0.238	42	0.00920	17	0.122	85	0.0746	23	0.0632	169	0.596
12	0.213	48	0.0133	18	0.109	96	0.107	24	0.0566	189	0.845
13	0.190	54	0.0188	19	0.0980	108	0.152	25	0.0505	212	1.19
14	0.171	60	0.0263	20	0.0879	120	0.211	26	0.0452	237	1.69
15	0.153	68	0.0376	21	0.0785	135	0.300	27	0.0409	263	2.35



OD57.2mm/2.25inches

Magnetic Dimensions

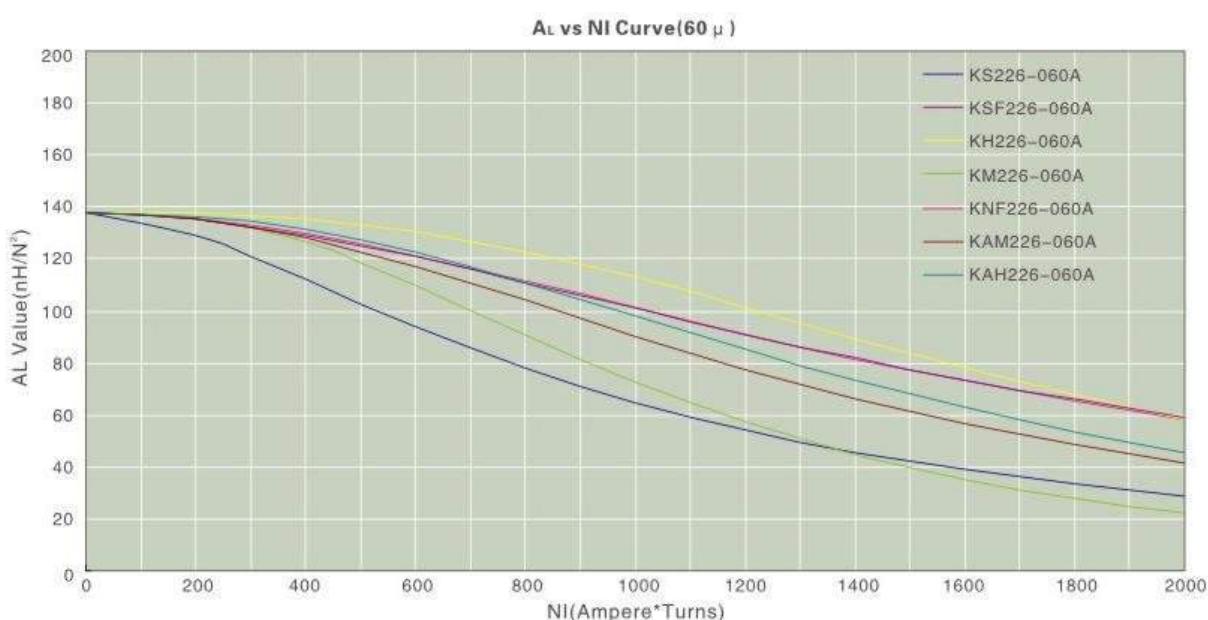
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ³ /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
2.250 57.20	1.039 26.40	0.600 15.20	2.285 58.00	1.007 25.60	0.635 16.10	4.93 12.500	0.355 2.290	1.75 28.60	0.7964 5.140

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS226-026A	KSF226-026A	KH226-026A	KM226-026A	KNF226-026A	KAM226-026A	KAH226-026A	26	60
KS226-060A	KSF226-060A	KH226-060A	KM226-060A	KNF226-060A	KAM226-060A	KAH226-060A	60	138
KS226-075A	KSF226-075A	—	—	KNF226-075A	KAM226-075A	KAH226-075A	75	175
KS226-090A	KSF226-090A	—	—	KNF226-090A	KAM226-090A	KAH226-090A	90	207
KS226-125A	—	KH226-125A	KM226-125A	—	KAM226-125A	KAH226-125A	125	287

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	26	0.00551	16	0.137	55	0.0469	22	0.0701	111	0.381
11	0.238	30	0.00801	17	0.122	62	0.0664	23	0.0632	124	0.534
12	0.213	34	0.0115	18	0.109	70	0.0948	24	0.0566	138	0.752
13	0.190	39	0.0165	19	0.0980	78	0.133	25	0.0505	156	1.07
14	0.171	43	0.0230	20	0.0879	88	0.189	26	0.0452	174	1.51
15	0.153	49	0.0330	21	0.0785	99	0.269	27	0.0409	193	2.10



OD62.0mm/2.44inches

Magnetic Dimensions

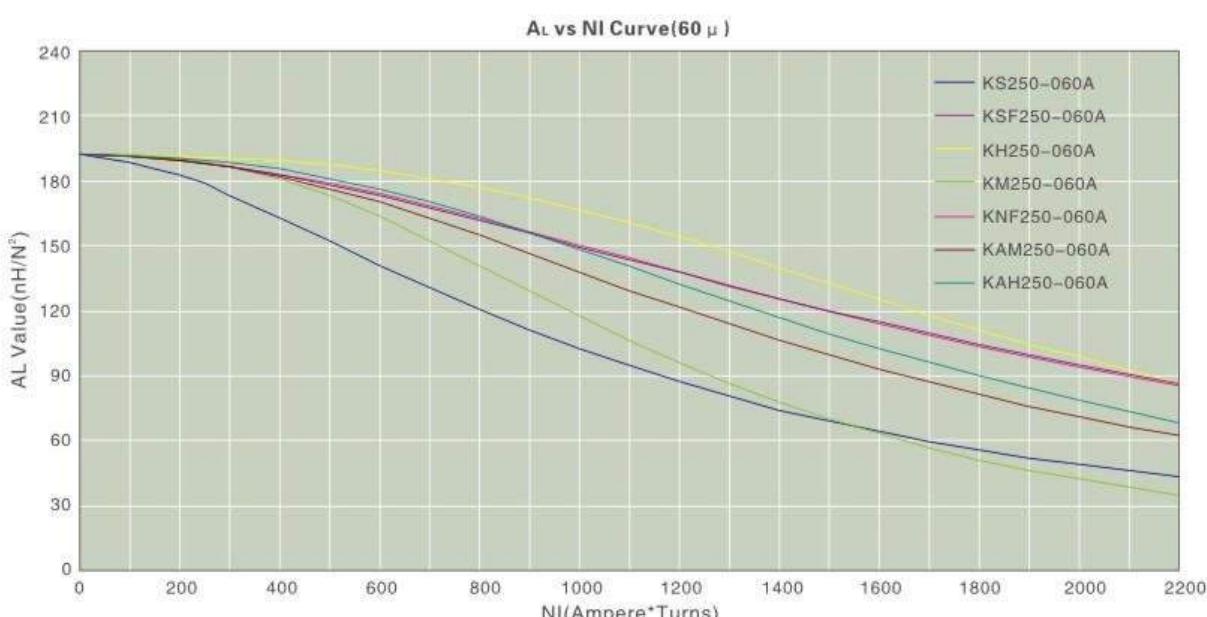
Before Coating			After Coating			ℓ_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
2.441 62.00	1.283 32.60	0.984 25.00	2.484 63.10	1.235 31.37	1.034 26.27	5.66 14.37	0.57 3.675	3.223 52.81	1.198 7.73

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS250-026A	KSF250-026A	KH250-026A	KM250-026A	KNF250-026A	KAM250-026A	KAH250-026A	26	83
KS250-060A	KSF250-060A	KH250-060A	KM250-060A	KNF250-060A	KAM250-060A	KAH250-060A	60	192
KS250-075A	KSF250-075A	—	—	KNF250-075A	KAM250-075A	KAH250-075A	75	240
KS250-090A	KSF250-090A	—	—	KNF250-090A	KAM250-090A	KAH250-090A	90	288
KS250-125A	—	KH250-125A	KM250-125A	—	KAM250-125A	KAH250-125A	125	400

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267			16	0.137			22	0.0701		
11	0.238			17	0.122			23	0.0632		
12	0.213	N.A.	N.A.	18	0.109	N.A.	N.A.	24	0.0566	N.A.	N.A.
13	0.190			19	0.0980			25	0.0505		
14	0.171			20	0.0879			26	0.0452		
15	0.153			21	0.0785			27	0.0409		



OD68.0mm/2.68inches

Magnetic Dimensions

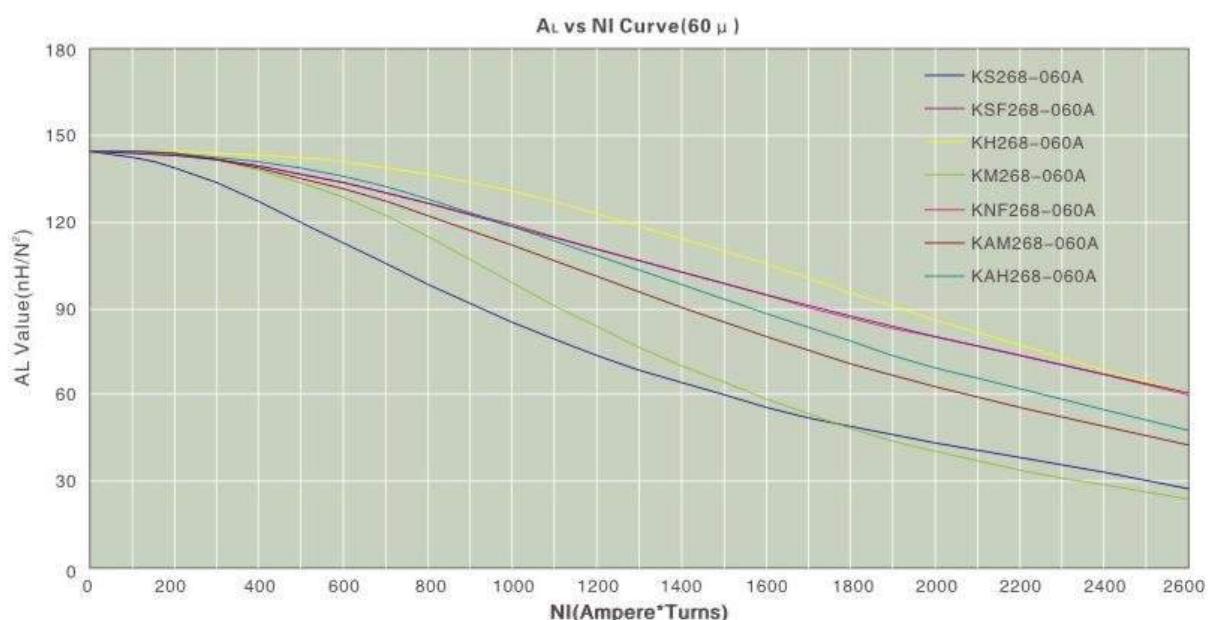
Before Coating			After Coating			ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
2.677 / 68.00	1.417 / 36.00	0.787 / 20.00	2.732 / 69.40	1.366 / 34.70	0.843 / 21.40	6.429 / 16.33	0.481 / 3.104	3.093 / 50.69	1.491 / 9.62

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe [®]	High Flux	MPP	Neu Flux [®]	KAM	KAH			
KS268-026A	KSF268-026A	KH268-026A	KM268-026A	KNF268-026A	KAM268-026A	KAH268-026A	26	62	
KS268-060A	KSF268-060A	KH268-060A	KM268-060A	KNF268-060A	KAM268-060A	KAH268-060A	60	143	
KS268-075A	KSF268-075A	—	—	KNF268-075A	KAM268-075A	KAH268-075A	75	179	
KS268-090A	KSF268-090A	—	—	KNF268-090A	KAM268-090A	KAH268-090A	90	215	
KS268-125A	—	KH268-125A	KM268-125A	—	KAM268-125A	KAH268-125A	125	298	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267			16	0.137			22	0.0701		
11	0.238			17	0.122			23	0.0632		
12	0.213	N.A.	N.A.	18	0.109	N.A.	N.A.	24	0.0566	N.A.	N.A.
13	0.190			19	0.0980			25	0.0505		
14	0.171			20	0.0879			26	0.0452		
15	0.153			21	0.0785			27	0.0409		



OD74.1mm/2.91inches

Magnetic Dimensions

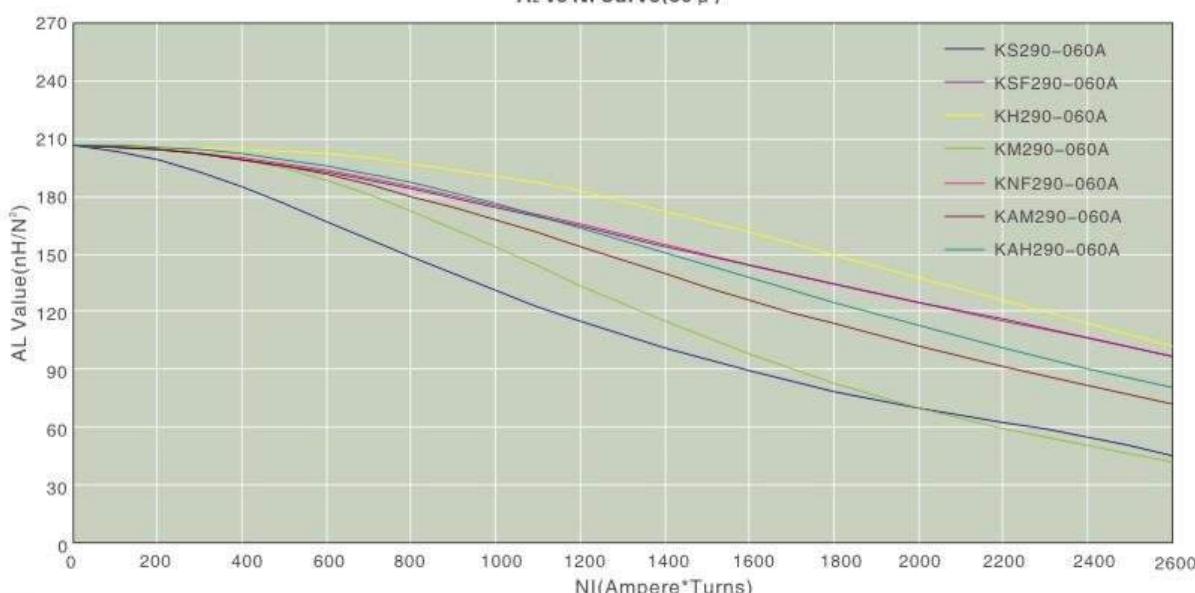
Before Coating			After Coating			ℓ_s in/cm	A _e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
2.917 74.80	1.783 45.30	1.378 35.00	2.961 75.20	1.735 44.07	1.428 36.27	7.24 18.38	0.781 5.040	5.653 92.64	2.364 15.25

Dimensions Table

KDM Part No.							Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS290-026A	KSF290-026A	KH290-026A	KM290-026A	KNF290-026A	KAM290-026A	KAH290-026A	26	89
KS290-060A	KSF290-060A	KH290-060A	KM290-060A	KNF290-060A	KAM290-060A	KAH290-060A	60	206
KS290-075A	KSF290-075A	—	—	KNF290-075A	KAM290-075A	KAH290-075A	75	257
KS290-090A	KSF290-090A	—	—	KNF290-090A	KAM290-090A	KAH290-090A	90	309
KS290-125A	—	KH290-125A	KM290-125A	—	KAM290-125A	KAH290-125A	125	429

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267			16	0.137			22	0.0701		
11	0.238			17	0.122			23	0.0632		
12	0.213	N.A.	N.A.	18	0.109	N.A.	N.A.	24	0.0566	N.A.	N.A.
13	0.190			19	0.0980			25	0.0505		
14	0.171			20	0.0879			26	0.0452		
15	0.153			21	0.0785			27	0.0409		

AL vs NI Curve(60μ)

OD77.8mm/3.06inches

Magnetic Dimensions

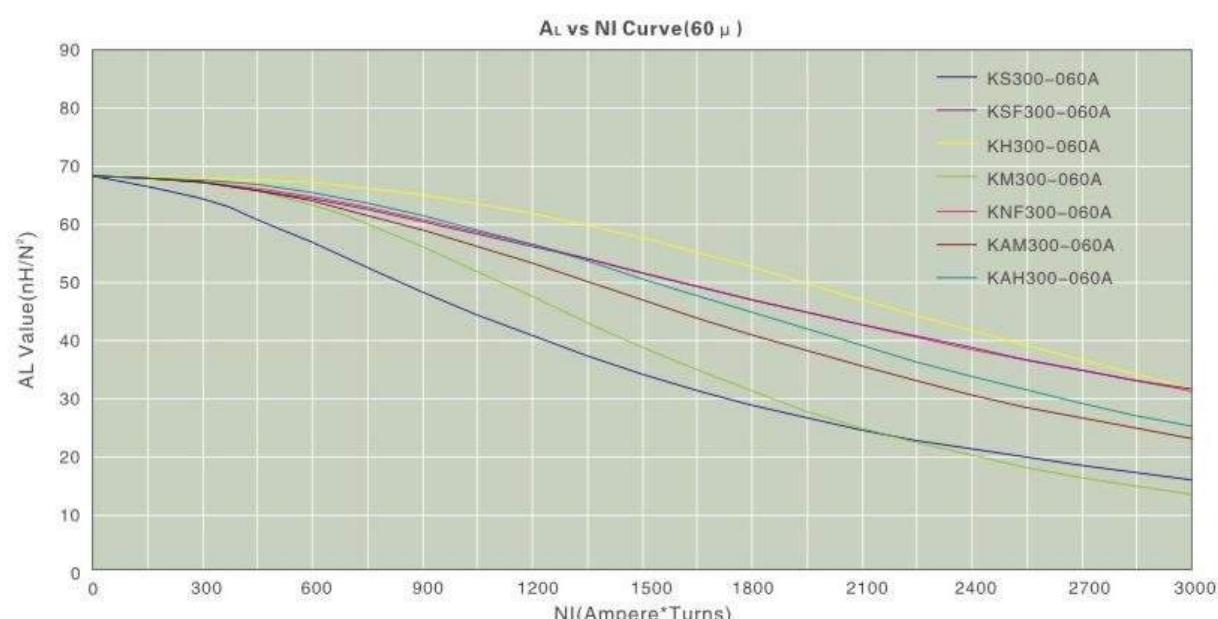
Before Coating			After Coating			ℓ_e	A_e	V	W
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	in/cm	in ² /cm ²	in ³ /cm ³	in ³ /cm ³
3.063 77.80	1.938 49.20	0.500 12.70	3.108 78.90	1.898 48.2	0.545 13.84	7.72 20.000	0.274 1.770	2.115 34.700	2.800 17.990

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS300-026A	KSF300-026A	KH300-026A	KM300-026A	KNF300-026A	KAM300-026A	KAH300-026A	26	30	
KS300-060A	KSF300-060A	KH300-060A	KM300-060A	KNF300-060A	KAM300-060A	KAH300-060A	60	68	
KS300-075A	KSF300-075A	—	—	KNF300-075A	KAM300-075A	KAH300-075A	75	85	
KS300-090A	KSF300-090A	—	—	KNF300-090A	KAM300-090A	KAH300-090A	90	102	
KS300-125A	—	KH300-125A	KM300-125A	—	KAM300-125A	KAH300-125A	125	142	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	47	0.0100	16	0.137	95	0.0749	22	0.0701	187	0.570
11	0.238	53	0.0140	17	0.122	107	0.105	23	0.0632	208	0.792
12	0.213	60	0.0196	18	0.109	119	0.147	24	0.0566	232	1.11
13	0.190	68	0.0274	19	0.0980	134	0.206	25	0.0505	260	1.56
14	0.171	75	0.0381	20	0.0879	149	0.288	26	0.0452	290	2.21
15	0.153	85	0.0534	21	0.0785	167	0.404	27	0.0409	323	3.07



OD77.8mm/3.06inches

Magnetic Dimensions

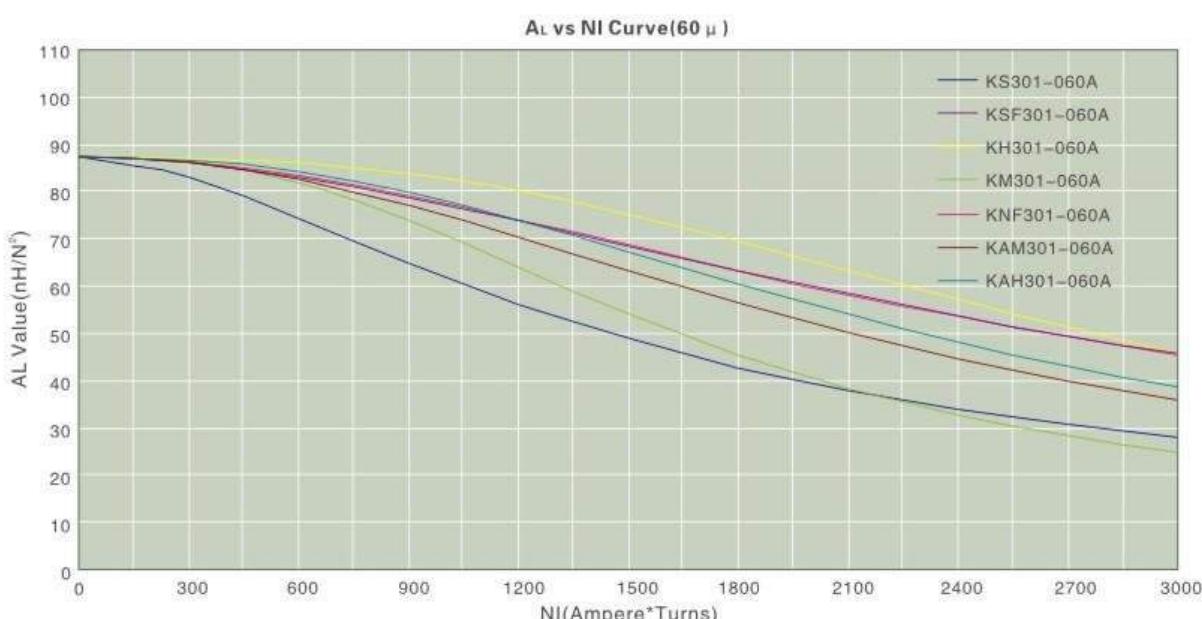
Before Coating			After Coating			ℓ_s in/cm	A _s in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
3.063 77.80	1.938 49.20	0.625 15.90	3.108 78.90	1.898 48.20	0.670 17.02	7.86 19.950	0.352 2.270	2.77 45.300	2.800 17.990

Dimensions Table

KDM Part No.							Perm. (μ)	A _L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS301-026A	KSF301-026A	KH301-026A	KM301-026A	KNF301-026A	KAM301-026A	KAH301-026A	26	37
KS301-060A	KSF301-060A	KH301-060A	KM301-060A	KNF301-060A	KAM301-060A	KAH301-060A	60	85
KS301-075A	KSF301-075A	—	—	KNF301-075A	KAM301-075A	KAH301-075A	75	107
KS301-090A	KSF301-090A	—	—	KNF301-090A	KAM301-090A	KAH301-090A	90	128
KS301-125A	—	KH301-125A	KM301-125A	—	KAM301-125A	KAH301-125A	125	178

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	47	0.0110	16	0.137	95	0.0829	22	0.0701	187	0.634
11	0.238	53	0.0154	17	0.122	107	0.116	23	0.0632	208	0.880
12	0.213	60	0.0216	18	0.109	119	0.163	24	0.0566	232	1.24
13	0.190	68	0.0302	19	0.0980	134	0.228	25	0.0505	260	1.74
14	0.171	75	0.0420	20	0.0879	149	0.318	26	0.0452	290	2.45
15	0.153	85	0.0590	21	0.0785	167	0.449	27	0.0409	323	3.41



OD101.6mm/4.00inches

Magnetic Dimensions

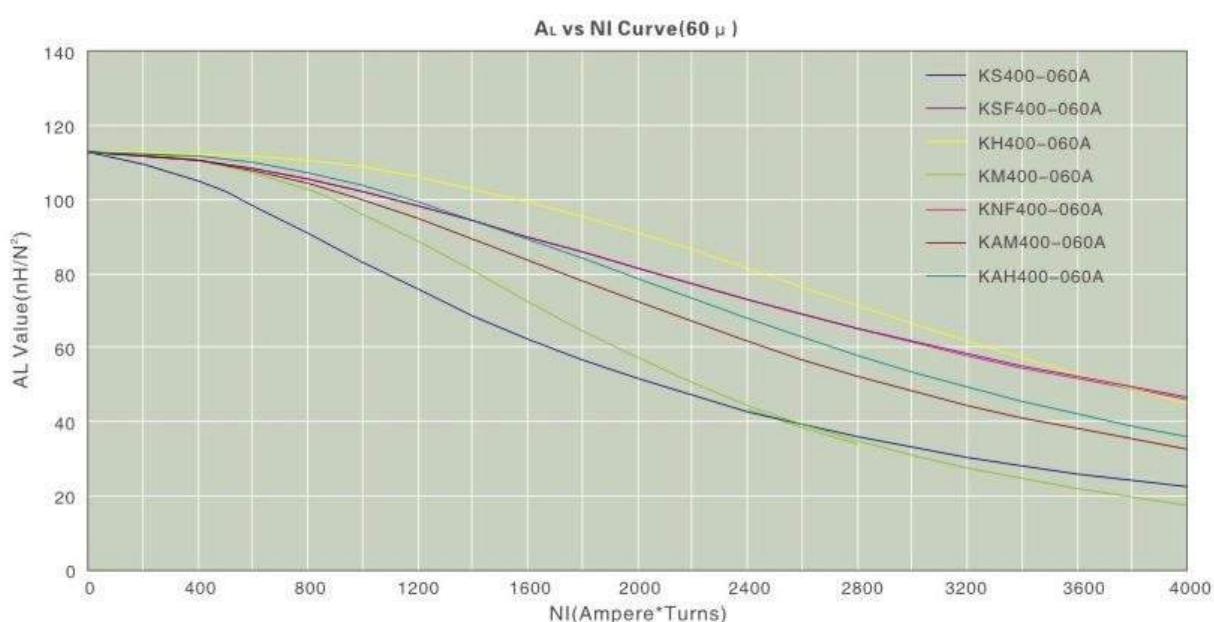
Before Coating			After Coating			ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
4.000 101.60	2.250 57.15	0.650 16.51	4.050 103.12	2.195 55.75	0.700 17.78	9.555 24.271	0.5460 3.5226	5.217 85.495	3.784 24.413

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS400-026A	KSF400-026A	KH400-026A	KM400-026A	KNF400-026A	KAM400-026A	KAH400-026A	26	47	
KS400-060A	KSF400-060A	KH400-060A	KM400-060A	KNF400-060A	KAM400-060A	KAH400-060A	60	112	
KS400-075A	KSF400-075A	—	—	KNF400-075A	KAM400-075A	KAH400-075A	75	137	
KS400-090A	KSF400-090A	—	—	KNF400-090A	KAM400-090A	KAH400-090A	90	164	
KS400-125A	—	KH400-125A	KM400-125A	—	KAM400-125A	KAH400-125A	125	228	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	56	0.0158	16	0.137	111	0.120	22	0.0701	218	0.924
11	0.238	63	0.0222	17	0.122	124	0.168	23	0.0632	242	1.28
12	0.213	70	0.0311	18	0.109	139	0.236	24	0.0566	271	1.81
13	0.190	79	0.0436	19	0.0980	156	0.332	25	0.0505	303	2.54
14	0.171	88	0.0608	20	0.0879	174	0.464	26	0.0452	338	3.59
15	0.153	99	0.0854	21	0.0785	195	0.653	27	0.0409	376	4.99



OD101.6mm/4.00inches

Magnetic Dimensions

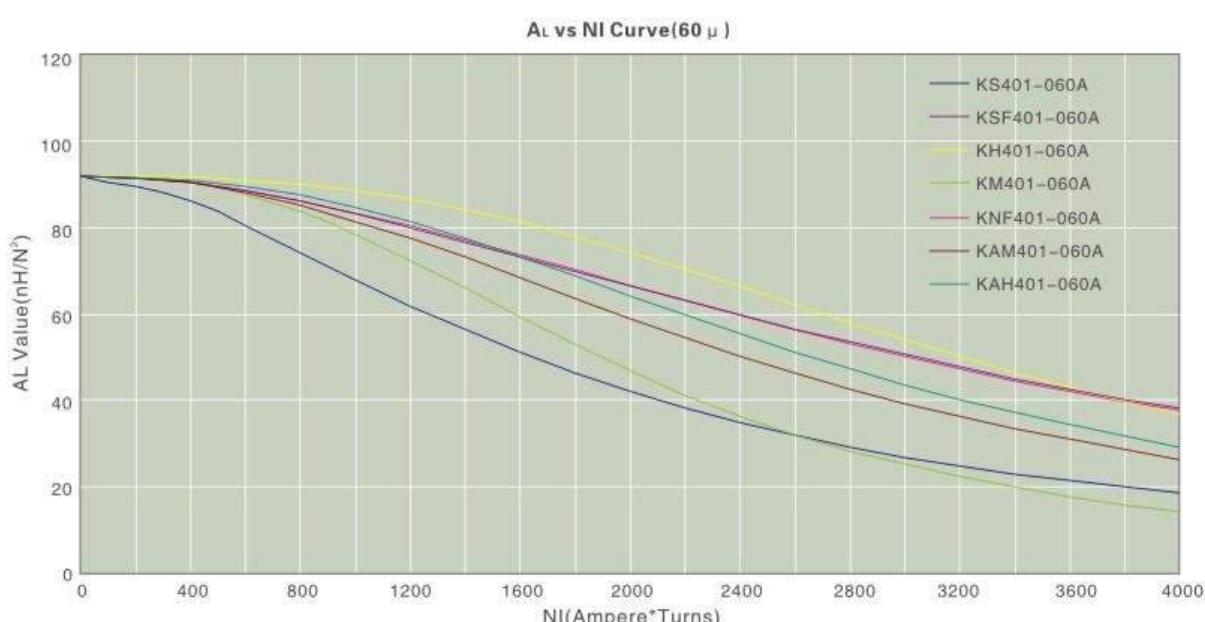
Before Coating			After Coating			ℓ_s in/cm	A_s in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm in/mm	ID(Min) in/mm in/mm	Ht(Max) in/mm in/mm	OD(Max) in/mm in/mm	ID(Min) in/mm in/mm	Ht(Max) in/mm in/mm				
4.000 101.60	2.250 57.15	0.535 13.59	4.05 103.12	2.195 55.75	0.585 14.86	9.555 24.271	0.4606 2.9716	4.401 72.122	3.784 24.413

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS401-026A	KSF401-026A	KH401-026A	KM401-026A	KNF401-026A	KAM401-026A	KAH401-026A	26	40
KS401-060A	KSF401-060A	KH401-060A	KM401-060A	KNF401-060A	KAM401-060A	KAH401-060A	60	92
KS401-075A	KSF401-075A	—	—	KNF401-075A	KAM401-075A	KAH401-075A	75	115
KS401-090A	KSF401-090A	—	—	KNF401-090A	KAM401-090A	KAH401-090A	90	139
KS401-125A	—	KH401-125A	KM401-125A	—	KAM401-125A	KAH401-125A	125	192

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	56	0.0147	16	0.137	111	0.112	22	0.0701	218	0.856
11	0.238	63	0.0207	17	0.122	124	0.156	23	0.0632	242	1.19
12	0.213	70	0.0289	18	0.109	139	0.219	24	0.0566	271	1.67
13	0.190	79	0.0406	19	0.0980	156	0.308	25	0.0505	303	2.35
14	0.171	88	0.0565	20	0.0879	174	0.431	26	0.0452	338	3.32
15	0.153	99	0.0794	21	0.0785	195	0.605	27	0.0409	376	4.62



OD132.5mm/5.21inches

Magnetic Dimensions

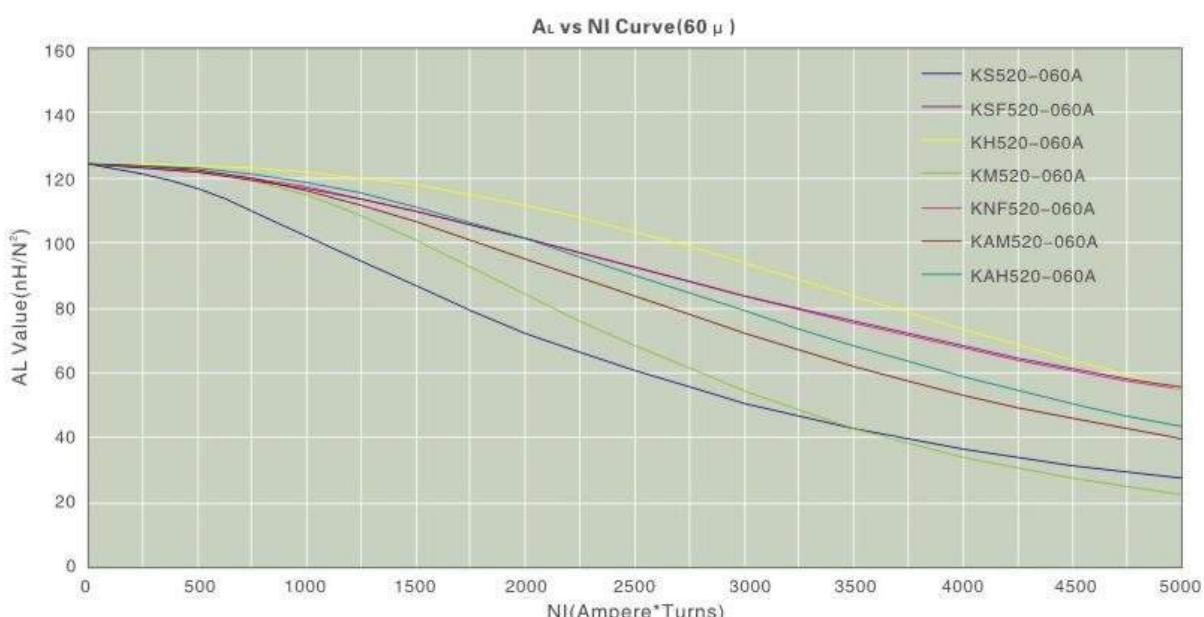
Before Coating			After Coating			ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
5.218 132.54	3.094 78.59	0.800 20.32	5.274 133.96	3.033 77.04	0.855 21.72	12.767 32.428	0.8288 5.3471	10.58 173.40	7.225 46.612

Dimensions Table

KDM Part No.								Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH			
KS520-026A	KSF520-026A	KH520-026A	KM520-026A	KNF520-026A	KAM520-026A	KAH520-026A	26	54	
KS520-060A	KSF520-060A	KH520-060A	KM520-060A	KNF520-060A	KAM520-060A	KAH520-060A	60	124	
KS520-075A	KSF520-075A	—	—	KNF520-075A	KAM520-075A	KAH520-075A	75	155	
KS520-090A	KSF520-090A	—	—	KNF520-090A	KAM520-090A	KAH520-090A	90	187	
KS520-125A	—	KH520-125A	KM520-125A	—	KAM520-125A	KAH520-125A	125	259	

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	78	0.0266	16	0.137	155	0.203	22	0.0701	302	1.56
11	0.238	88	0.0374	17	0.122	173	0.284	23	0.0632	336	2.17
12	0.213	98	0.0524	18	0.109	193	0.400	24	0.0566	375	3.06
13	0.190	110	0.0735	19	0.0980	216	0.562	25	0.0505	420	4.31
14	0.171	123	0.103	20	0.0879	241	0.786				
15	0.153	138	0.144	21	0.0785	270	1.11				



OD132.5mm/5.21inches

Magnetic Dimensions

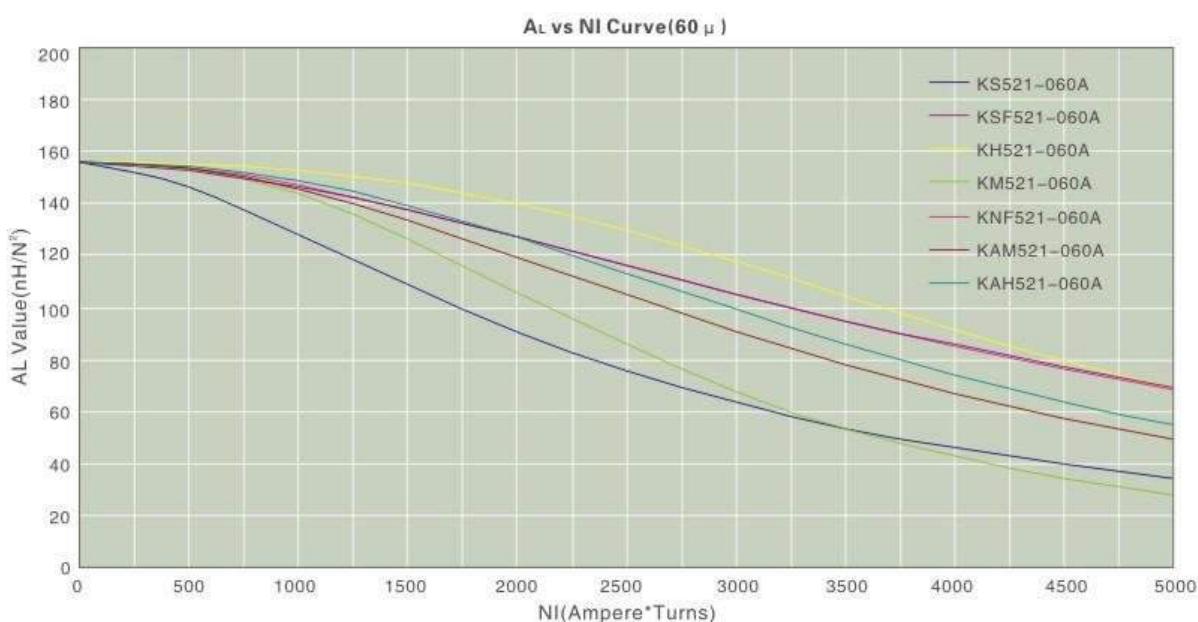
Before Coating			After Coating			ℓ_s in/cm	A_s in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
5.218 132.54	3.094 78.59	1.000 25.40	5.274 133.96	3.033 77.04	1.055 26.80	12.767 32.429	1.040 6.710	13.28 217.58	7.225 46.612

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS521-026A	KSF521-026A	KH521-026A	KM521-026A	KNF521-026A	KAM521-026A	KAH521-026A	26	67.6
KS521-060A	KSF521-060A	KH521-060A	KM521-060A	KNF521-060A	KAM521-060A	KAH521-060A	60	156
KS521-075A	KSF521-075A	—	—	KNF521-075A	KAM521-075A	KAH521-075A	75	195
KS521-090A	KSF521-090A	—	—	KNF521-090A	KAM521-090A	KAH521-090A	90	234
KS521-125A	—	KH521-125A	KM521-125A	—	KAM521-125A	KAH521-125A	125	325

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	78	0.0292	16	0.137	155	0.224	22	0.0701	302	1.73
11	0.238	88	0.0410	17	0.122	173	0.313	23	0.0632	336	2.40
12	0.213	98	0.0576	18	0.109	193	0.441	24	0.0566	375	3.38
13	0.190	110	0.0809	19	0.0980	216	0.620	25	0.0505	420	4.76
14	0.171	123	0.113	20	0.0879	241	0.867				
15	0.153	138	0.159	21	0.0785	270	1.22				



OD165.0mm/6.50inches

Magnetic Dimensions

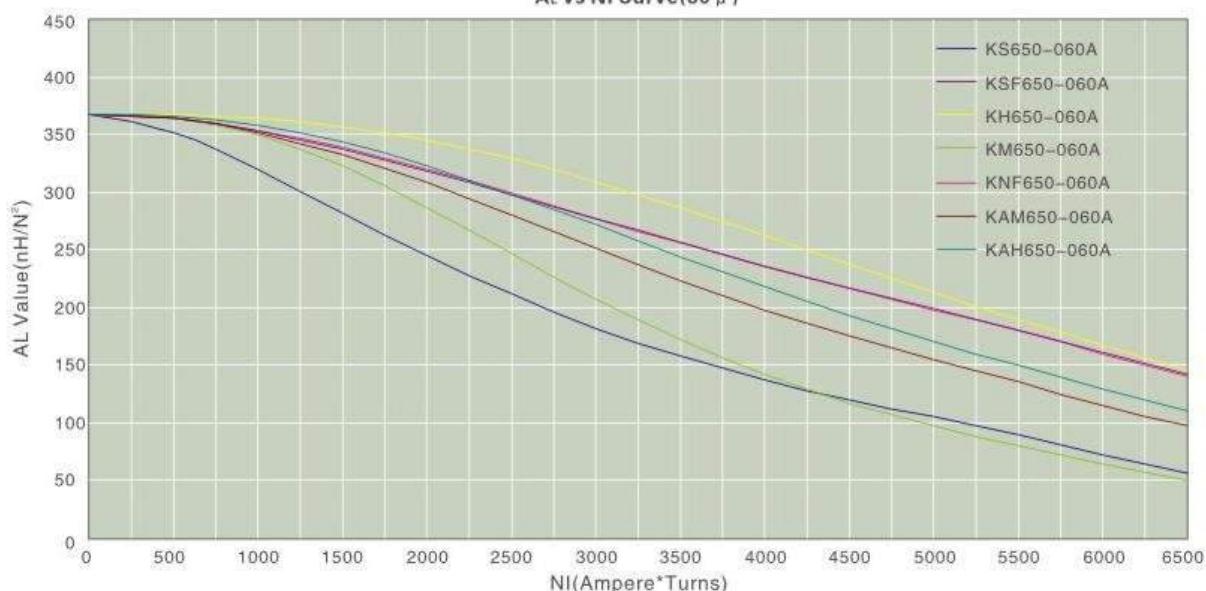
Before Coating			After Coating			ℓ_s in/cm	A_s in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
6.496 165.00	3.500 88.90	2.00 50.80	6.583 167.20	3.421 86.90	2.083 52.90	15.22 38.65	2.932 18.92	44.62 731.26	9.19 59.31

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe®	High Flux	MPP	Neu Flux®	KAM	KAH		
KS650-026A	KSF650-026A	KH650-026A	KM650-026A	KNF650-026A	KAM650-026A	KAH650-026A	26	160
KS650-060A	KSF650-060A	KH650-060A	KM650-060A	KNF650-060A	KAM650-060A	KAH650-060A	60	368
KS650-075A	KSF650-075A	—	—	KNF650-075A	KAM650-075A	KAH650-075A	75	460
KS650-090A	KSF650-090A	—	—	KNF650-090A	KAM650-090A	KAH650-090A	90	552
KS650-125A	—	—	—	—	—	—	125	767

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267			16	0.137			22	0.0701		
11	0.238			17	0.122			23	0.0632		
12	0.213	N.A.	N.A.	18	0.109	N.A.	N.A.	24	0.0566	N.A.	N.A.
13	0.190			19	0.0980			25	0.0505		
14	0.171			20	0.0879						
15	0.153			21	0.0785						

AL vs NI Curve(60μ)



Special Powder Cores

Pot Cores
E Cores
ER Cores
EQ Cores
U Cores
Block Cores
Ellipse Cores
Cylinder Cores



www.semic.cz

semic@semic.cz

Pot Cores

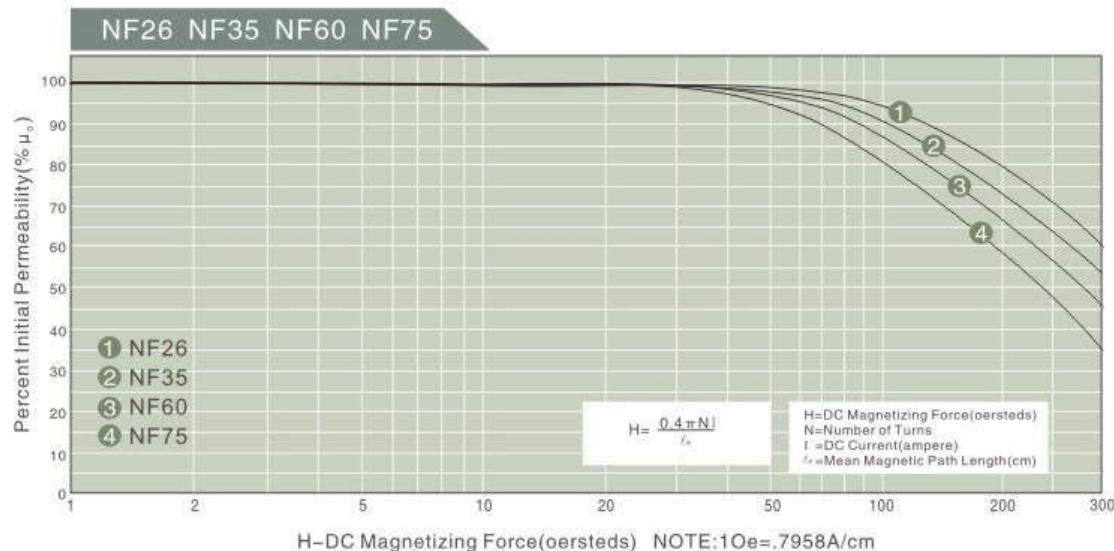


Applications

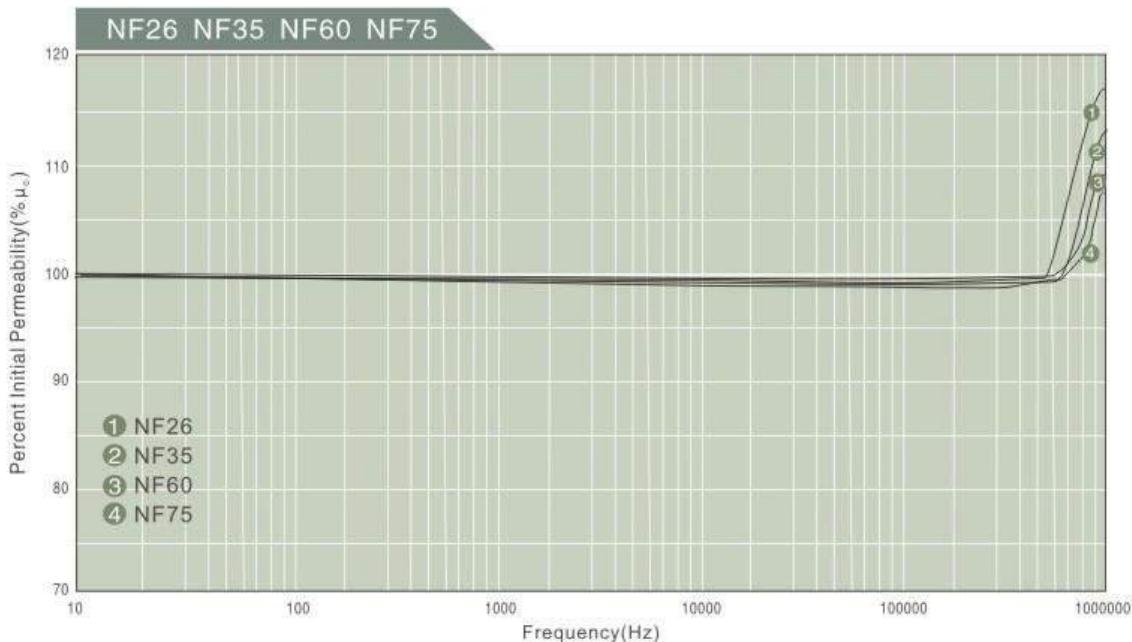
- Active Power Filter Reactor
- Power Choke for High Current(over 50A)
- Power Inductor for Energy Storage

Pot Cores

Percent Change of Permeability vs .DC Magnetizing Force

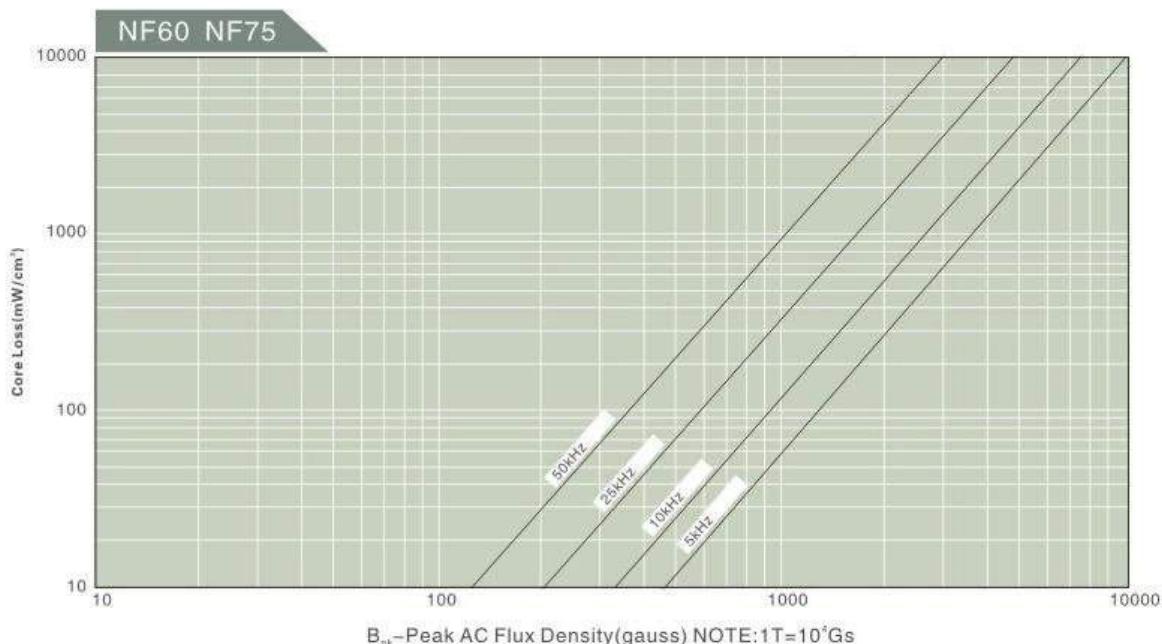
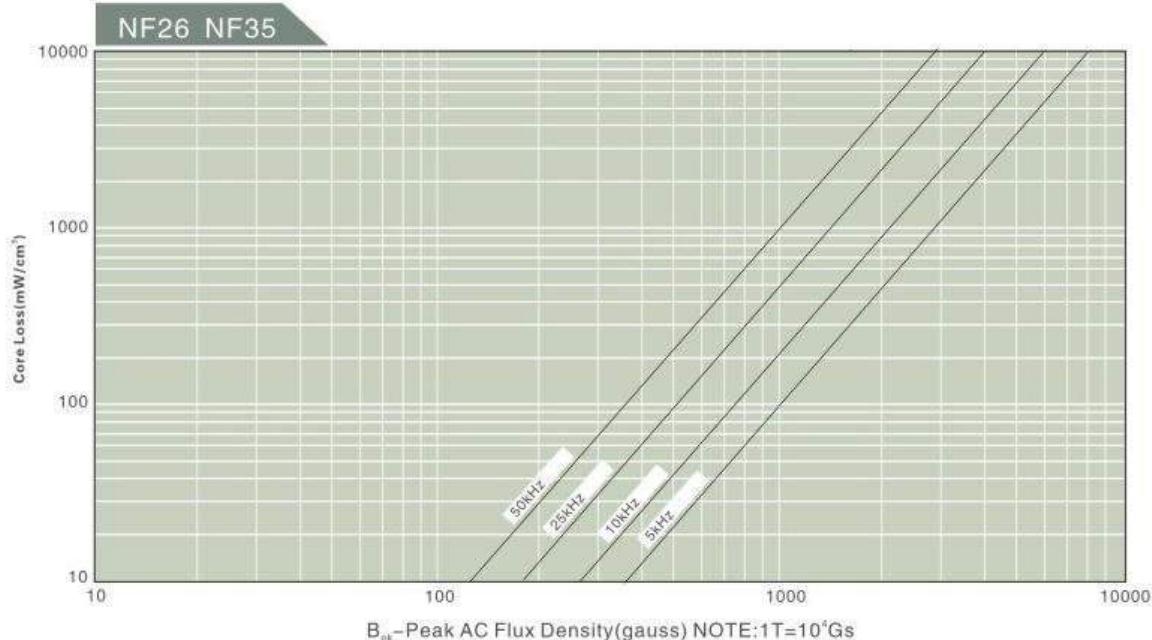


Permeability vs .Frequency

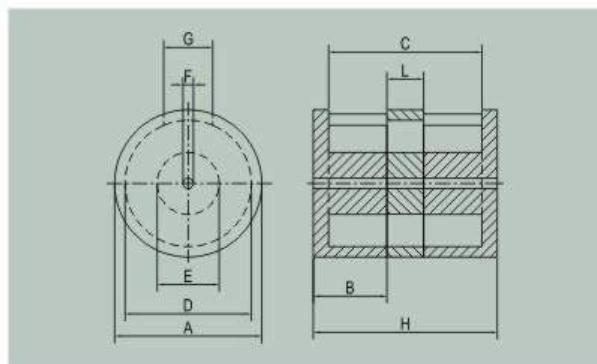


Pot Cores

Typical Core Loss Curves



70mm/Pot Cores



KDM Pot-Core
(mm)
PC 70 x 50 - NF 26
KDM Material No.

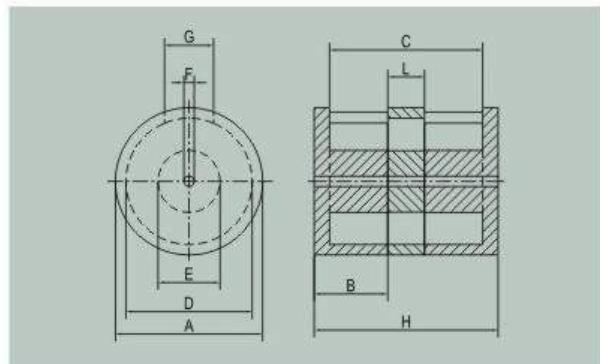
(mm): Letter Indicates Alternate Height

Physical Specifications

Dimensions(mm)	A	B	C	D	E	F	G	H	L
Part No.	± 0.5								
PC70 x 27.5 (PC70-H55)	70	27.5	34	61	35	8.5	20	55	/
PC70 x 30 (PC70-H60)	70	30	39	61	35	8.5	20	60	/
PC70 x 32.5 (PC70-H65)	70	32.5	44	61	35	8.5	20	65	/
PC70 x 35 (PC70-H70)	70	35	49	61	35	8.5	20	70	/
PC70 x 37.5 (PC70-H75)	70	37.5	54	61	35	8.5	20	75	/
PC70 x 40 (PC70-H80)	70	40	59	61	35	8.5	20	80	/
PC70 x 42.5 (PC70-H85)	70	42.5	64	61	35	8.5	20	85	/
PC70 x 45 (PC70-H90)	70	45	69	61	35	8.5	20	90	/
PC70 x 47.5 (PC70-H95)	70	47.5	74	61	35	8.5	20	95	/
PC70 x 50 (PC70-H100)	70	50	79	61	35	8.5	20	100	/
PC70 x 52.5 (PC70-H105)	70	52.5	84	61	35	8.5	20	105	/
PC70 x 55 (PC70-H110)	70	55	89	61	35	8.5	20	110	/



PC 70 H100 - NF 26
 KDM Material No.
 (mm): Letter Indicates Alternate Height
 (mm)
 KDM Pot-Core



Electromagnetic Properties

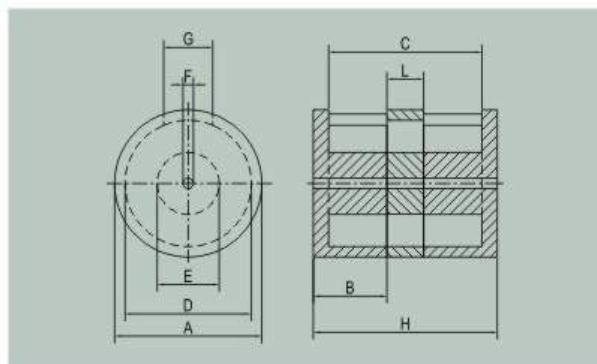
Part No.	ℓ_e cm	A_e cm ²	V cm ³	W cm ²	Ai (nH/N ²) ± 15%			
					NF26	NF35	NF60	NF75
PC70-H55 (PC70 × 27.5)	13.28	9.53	126.51	9.18	254	362	412	536
PC70-H60 (PC70 × 30)	14.25	9.44	134.47	10.53	245	312	356	462
PC70-H65 (PC70 × 32.5)	15.22	9.37	142.56	11.88	217	277	316	410
PC70-H70 (PC70 × 35)	16.19	9.32	150.84	13.23	195	248	283	367
PC70-H75 (PC70 × 37.5)	17.16	9.27	159.03	14.58	177	225	257	334
PC70-H80 (PC70 × 40)	18.13	9.24	167.48	15.93	164	207	236	306
PC70-H85 (PC70 × 42.5)	19.10	9.21	175.85	17.28	151	190	217	285
PC70-H90 (PC70 × 45)	20.07	9.18	184.20	18.63	143	178	203	263
PC70-H95 (PC70 × 47.5)	21.04	9.16	192.68	19.98	133	168	191	248
PC70-H100 (PC70 × 50)	22.01	9.14	201.13	21.33	125	157	179	233
PC70-H105 (PC70 × 52.5)	22.98	9.12	209.53	22.68	118	149	170	220
PC70-H110 (PC70 × 55)	23.95	9.11	218.14	24.03	112	141	160	208

Ai value is the result after testing two or more cores.

The Pot Core whose height is less than 120mm is assembled by two small Pot Cores.

The Pot Cores whose height is more than 120mm is assembled by two parts: two small Pot Cores, one or more magnetic loop-rod in the middle of the Pot Core.

100mm/Pot Cores



KDM Pot-Core
(mm)

(mm): Letter Indicates Alternate Height

KDM Material No.

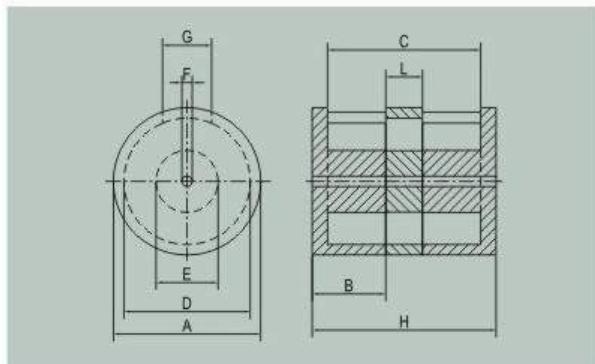
Physical Specifications

Dimensions(mm)	A	B	C	D	E	F	G	H	L
Part No.	± 0.5								
PC100X25 (PC100-H50)	100.	25	29.5	87	40.5	8.5	35	50	/
PC100X30 (PC100-H60)	100	30	39.5	87	40.5	8.5	35	60	/
PC100X35 (PC100-H70)	100	35	49.5	87	40.5	8.5	35	70	/
PC100X40 (PC100-H80)	100	40	59.5	87	40.5	8.5	35	80	/
PC100X45 (PC100-H90)	100	45	69.5	87	40.5	8.5	35	90	/
PC100X50 (PC100-H100)	100	50	79.5	87	40.5	8.5	35	100	/
PC100-H110	100	40	89.5	87	40.5	8.5	35	110	30
PC100-H120	100	40	99.5	87	40.5	8.5	35	120	40
PC100-H130	100	50	109.5	87	40.5	8.5	35	130	30
PC100-H140	100	50	119.5	87	40.5	8.5	35	140	40
PC100-H150	100	50	129.5	87	40.5	8.5	35	150	50
PC100-H160	100	50	139.5	87	40.5	8.5	35	160	60



100mm/Pot Cores

PC 100 -H120 - NF 26
 KDM Material No.
 (mm): Letter Indicates Alternate Height
 (mm)
 KDM Pot-Core



Electromagnetic Properties

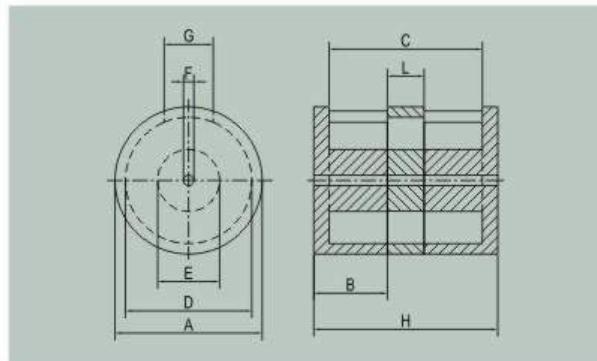
Part No.	ℓ_e cm	A_e cm ²	V cm ³	W cm ²	Ai (nH/N ²) ± 15%			
					NF26	NF35	NF60	NF75
PC100-H50 (PC100X25)	12.92	15.25	197.00	6.90	352	460	525	683
PC100-H60 (PC100X30)	14.87	15.08	224.30	9.20	338	397	453	589
PC100-H70 (PC100X35)	16.82	14.96	251.60	11.50	300	352	402	523
PC100-H80 (PC100X40)	18.78	14.86	279.10	13.80	270	316	360	468
PC100-H90 (PC100X45)	20.74	14.79	306.60	16.10	245	287	327	425
PC100-H100 (PC100X50)	22.70	14.73	334.20	18.40	227	263	300	390
PC100-H110	24.65	14.68	361.80	20.70	209	242	276	363
PC100-H120	26.61	14.63	389.40	23.00	197	226	258	335
PC100-H130	28.57	14.60	417.00	25.30	184	213	243	316
PC100-H140	30.53	14.56	444.60	27.60	173	200	228	296
PC100-H150	32.49	14.54	472.30	29.90	163	189	216	281
PC100-H160	34.45	14.51	499.90	32.20	154	179	204	265

Ai value is the result after testing two or more cores.

The Pot Core whose height is less than 120mm is assembled by two small Pot Cores.

The Pot Cores whose height is more than 120mm is assembled by two parts: two small Pot Cores, one or more magnetic loop-rod in the middle of the Pot Core.

120mm/Pot Cores



PC 120 x 60 - NF 26
 KDM Pot-Core (mm)
 (mm): Letter Indicates Alternate Height
 KDM Material No.

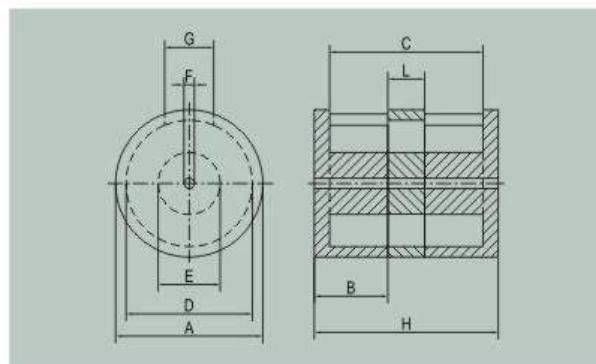
Physical Specifications

Dimensions(mm)	A	B	C	D	E	F	G	H	L
Part No.	± 0.5								
PC120X30 (PC120-H60)	120	30	34.5	103	50.5	8.5	35	60	/
PC120X35 (PC120-H70)	120	35	44.5	103	50.5	8.5	35	70	/
PC120X40 (PC120-H80)	120	40	54.5	103	50.5	8.5	35	80	/
PC120X45 (PC120-H90)	120	45	64.5	103	50.5	8.5	35	90	/
PC120X50 (PC120-H100)	120	50	74.5	103	50.5	8.5	35	100	/
PC120X55 (PC120-H110)	120	55	84.5	103	50.5	8.5	35	110	/
PC120X60 (PC120-H120)	120	60	94.5	103	50.5	8.5	35	120	/
PC120-H130	120	50	104.5	103	50.5	8.5	35	130	30
PC120-H140	120	50	114.5	103	50.5	8.5	35	140	40
PC120-H150	120	60	124.5	103	50.5	8.5	35	150	30
PC120-H160	120	60	134.5	103	50.5	8.5	35	160	40
PC120-H170	120	60	144.5	103	50.5	8.5	35	170	50
PC120-H180	120	60	154.5	103	50.5	8.5	35	180	60



120mm/Pot Cores

PC 120 -H150 - NF 26
 KDM Material No.
 (mm): Letter Indicates Alternate Height
 (mm)
 KDM Pot-Core



Electromagnetic Properties

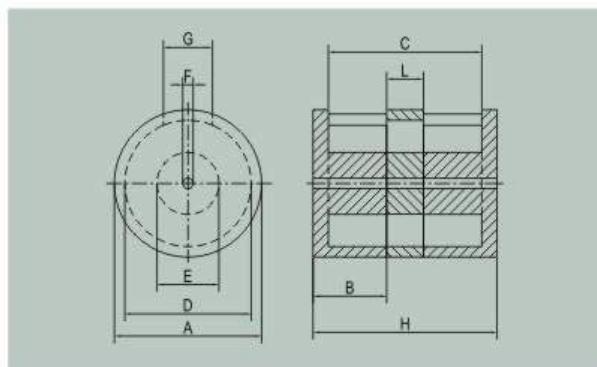
Part No.	ℓ_e cm	A_e cm ²	V cm ³	W cm ²	A_L (nH/N ²) $\pm 15\%$			
					NF26	NF35	NF60	NF75
PC120-H60 (PC120X30)	15.29	23.72	362.60	9.10	488	609	651	756
PC120-H70 (PC120X35)	17.24	23.52	405.60	11.70	434	539	577	670
PC120-H80 (PC120X40)	19.20	23.37	448.70	14.30	389	484	517	600
PC120-H90 (PC120X45)	21.15	23.25	491.90	16.90	355	442	472	549
PC120-H100 (PC120X50)	23.11	23.16	535.20	19.50	327	404	432	501
PC120-H110 (PC120X55)	25.07	23.08	578.50	22.10	302	376	398	462
PC120-H120 (PC120X60)	27.03	23.01	621.90	24.70	282	348	372	432
PC120-H130	28.99	22.95	665.30	27.30	265	327	350	406
PC120-H140	30.95	22.90	708.70	29.90	251	306	327	380
PC120-H150	32.91	22.85	752.10	32.50	237	292	309	359
PC120-H160	34.87	22.81	795.50	35.10	226	275	294	341
PC120-H170	36.83	22.78	839.00	37.70	214	261	279	324
PC120-H180	38.79	22.75	882.50	40.30	206	251	268	311

A_L value is the result after testing two or more cores.

The Pot Core whose height is less than 120mm is assembled by two small Pot Cores.

The Pot Cores whose height is more than 120mm is assembled by two parts: two small Pot Cores, one or more magnetic loop-rod in the middle of the Pot Core.

150mm/Pot Cores



PC 150 x 60 - NF 26
 KDM Pot-Core (mm)
 (mm): Letter Indicates Alternate Height
 KDM Material No.

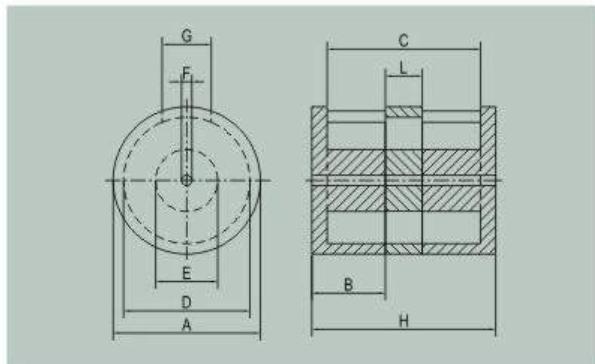
Physical Specifications

Dimensions(mm)	A	B	C	D	E	F	G	H	L
Part No.	± 0.5								
PC150X30 (PC150-H60)	150	30	29.5	133	72	10.5	50	60	/
PC150X35 (PC150-H70)	150	35	39.5	133	72	10.5	50	70	/
PC150X40 (PC150-H80)	150	40	49.5	133	72	10.5	50	80	/
PC150X45 (PC150-H90)	150	45	59.5	133	72	10.5	50	90	/
PC150X50 (PC150-H100)	150	50	69.5	133	72	10.5	50	100	/
PC150X55 (PC150-H110)	150	55	79.5	133	72	10.5	50	110	/
PC150X60 (PC150-H120)	150	60	89.5	133	72	10.5	50	120	/
PC150-H130	150	50	99.5	133	72	10.5	50	130	30
PC150-H140	150	50	109.5	133	72	10.5	50	140	40
PC150-H150	150	60	119.5	133	72	10.5	50	150	30
PC150-H160	150	60	129.5	133	72	10.5	50	160	40
PC150-H170	150	60	139.5	133	72	10.5	50	170	50
PC150-H180	150	60	149.5	133	72	10.5	50	180	60



150mm/Pot Cores

PC 150 -H150 - NF 26
 KDM Material No.
 (mm): Letter Indicates Alternate Height
 (mm)
 KDM Pot-Core



Electromagnetic Properties

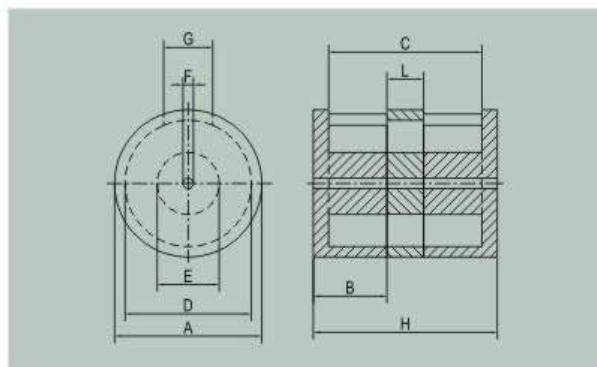
Part No.	ℓ_e cm	A_e cm ²	V cm ³	W cm ²	A _L (nH/N ²) ± 15%			
					NF26	NF35	NF60	NF75
PC150-H60 (PC150X30)	16.30	39.78	648.40	9.15	742	906	971	1127
PC150-H70 (PC150X35)	18.27	39.30	717.90	12.20	659	806	863	1102
PC150-H80 (PC150X40)	20.24	38.94	788.00	15.25	597	726	778	903
PC150-H90 (PC150X45)	22.21	38.65	858.30	18.30	544	663	710	824
PC150-H100 (PC150X50)	24.19	38.41	928.90	21.35	505	610	653	758
PC150-H110 (PC150X55)	26.16	38.21	999.70	24.40	470	567	608	705
PC150-H120 (PC150X60)	28.14	38.04	1070.60	27.45	439	530	568	659
PC150-H130	30.12	37.90	1141.70	30.50	413	498	534	619
PC150-H140	32.10	37.78	1212.80	33.55	391	466	506	587
PC150-H150	34.08	37.67	1283.90	36.60	369	445	477	554
PC150-H160	36.06	37.58	1355.20	39.65	351	424	454	527
PC150-H170	38.05	37.49	1426.40	42.70	334	403	432	501
PC150-H180	40.03	37.42	1497.80	45.75	325	387	415	481

A_L value is the result after testing two or more cores.

The Pot Core whose height is less than 120mm is assembled by two small Pot Cores.

The Pot Cores whose height is more than 120mm is assembled by two parts: two small Pot Cores, one or more magnetic loop-rod in the middle of the Pot Core.

175mm/Pot Cores



PC 175 x 60 - NF 26
 KDM Pot-Core (mm)
 (mm): Letter Indicates Alternate Height
 KDM Material No.

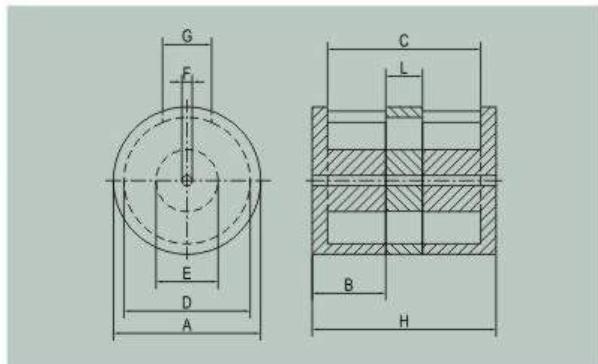
Physical Specifications

Dimensions(mm)	A	B	C	D	E	F	G	H	L
Part No.	± 0.5								
PC175-H60 (PC175X30)	175	30	25	155	72	12.5	60	60	/
PC175-H70 (PC175X35)	175	35	35	155	72	12.5	60	70	/
PC175-H80 (PC175X40)	175	40	45	155	72	12.5	60	80	/
PC175-H90 (PC175X45)	175	45	55	155	72	12.5	60	90	/
PC175-H100 (PC175X50)	175	50	65	155	72	12.5	60	100	/
PC175-H110 (PC175X55)	175	55	75	155	72	12.5	60	110	/
PC175-H120 (PC175X60)	175	60	85	155	72	12.5	60	120	/
PC175-H140	175	60	105	155	72	12.5	60	140	20
PC175-H160	175	60	125	155	72	12.5	60	160	40
PC175-H180	175	60	145	155	72	12.5	60	180	60
PC175-H200	175	60	165	155	72	12.5	60	200	80
PC175-H220	175	60	185	155	72	12.5	60	220	100
PC175-H240	175	60	205	155	72	12.5	60	240	120



175mm/Pot Cores

PC 175 -H150 - NF 26
 KDM Material No.
 (mm): Letter Indicates Alternate Height
 (mm)
 KDM Pot-Core



Electromagnetic Properties

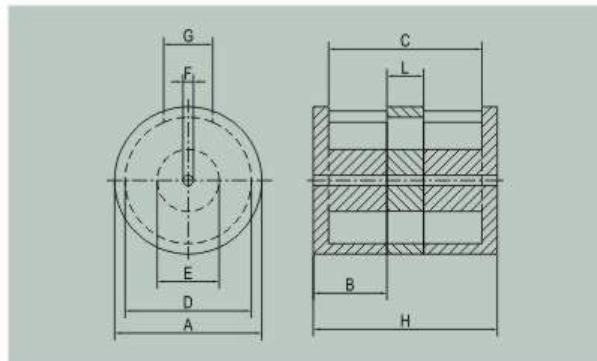
Part No.	ℓ_e cm	A_e cm ²	V cm ³	W cm ²	A _L (nH/N ²) ± 15%			
					NF26	NF35	NF60	NF75
PC175-H60 (PC175X30)	17.46	47.71	833.1	10.38	792	989	1057	1216
PC175-H70 (PC175X35)	19.42	47.00	912.8	14.53	705	876	936	1077
PC175-H80 (PC175X40)	21.39	46.45	993.5	18.68	632	785	840	966
PC175-H90 (PC175X45)	23.36	46.30	1074.8	22.83	577	718	767	883
PC175-H100 (PC175X50)	25.33	45.66	1156.6	26.98	531	655	701	806
PC175-H110 (PC175X55)	27.31	45.36	1238.7	31.13	490	610	646	744
PC175-H120 (PC175X60)	29.29	45.11	1321.2	35.28	458	565	604	695
PC175-H140	33.25	44.71	1486.6	43.58	403	497	532	612
PC175-H160	37.21	44.41	1652.6	51.88	362	446	477	549
PC175-H180	41.18	44.17	1818.9	60.18	330	407	435	500
PC175-H200	45.15	43.97	1985.5	68.48	302	373	399	459
PC175-H220	49.13	43.81	2152.3	76.78	284	350	374	431
PC175-H240	53.10	43.68	2319.3	85.03	261	322	344	396

A_L value is the result after testing two or more cores.

The Pot Core whose height is less than 120mm is assembled by two small Pot Cores.

The Pot Cores whose height is more than 120mm is assembled by two parts; two small Pot Cores, one or more magnetic loop-rod in the middle of the Pot Core.

200mm/Pot Cores



PC 200 x 60 - NF 26
 KDM Pot-Core (mm)
 (mm): Letter Indicates Alternate Height
 KDM Material No.

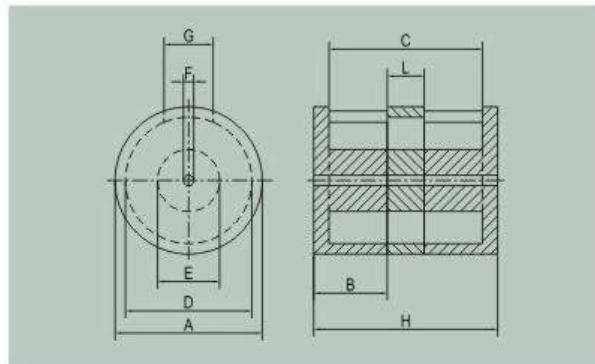
Physical Specifications

Dimensions(mm)	A	B	C	D	E	F	G	H	L
Part No.	± 0.5								
PC200-H80 (PC200X40)	200	40	40	176	90	12.5	65	80	/
PC200-H90 (PC200X45)	200	45	50	176	90	12.5	65	90	/
PC200-H100 (PC200X50)	200	50	60	176	90	12.5	65	100	/
PC200-H110 (PC200X55)	200	55	70	176	90	12.5	65	110	/
PC200-H120 (PC200X60)	200	60	80	176	90	12.5	65	120	/
PC200-H140	200	60	100	176	90	12.5	65	140	20
PC200-H160	200	60	120	176	90	12.5	65	160	40
PC200-H180	200	60	140	176	90	12.5	65	180	60
PC200-H200	200	60	160	176	90	12.5	65	200	80
PC200-H220	200	60	180	176	90	12.5	65	220	100
PC200-H240	200	60	200	176	90	12.5	65	240	120
PC200-H290	200	60	220	176	90	12.5	65	260	140
PC200-H280	200	60	240	176	90	12.5	65	280	160



200mm/Pot Cores

PC 200 -H150 - NF 26
 KDM Material No.
 (mm): Letter Indicates Alternate Height
 (mm)
 KDM Pot-Core



Electromagnetic Properties

Part No.	ℓ_e cm	A_e cm ²	V cm ³	W cm ²	A _r (nH/N ²) $\pm 15\%$			
					NF26	NF35	NF60	NF75
PC200-H80 (PC200X40)	25.93	63.16	1637.74	17.20	766	949	1015	1168
PC200-H90 (PC200X45)	27.89	5340	1740.28	21.50	699	867	927	1067
PC200-H100 (PC200X50)	29.85	61.82	1845.52	25.80	644	792	847	974
PC200-H110 (PC200X55)	31.81	61.37	1952.05	30.10	594	738	781	899
PC200-H120 (PC200X60)	33.78	60.98	2060.07	34.40	555	683	730	840
PC200-H140	37.74	60.67	2289.58	43.00	488	601	642	739
PC200-H160	41.67	60.40	2516.75	51.60	438	540	577	664
PC200-H180	45.62	60.18	2745.19	60.20	400	492	526	605
PC200-H200	49.57	60.00	2973.43	68.80	366	451	482	554
PC200-H220	53.52	59.80	3201.03	77.40	344	423	453	521
PC200-H240	57.48	59.66	3429.66	86.00	316	389	416	479
PC200-H260	61.44	59.52	3657.16	94.60	294	362	387	445
PC200-H280	65.41	59.41	3886.20	103.20	278	342	365	420

A_r value is the result after testing two or more cores.

The Pot Core whose height is less than 120mm is assembled by two small Pot Cores.

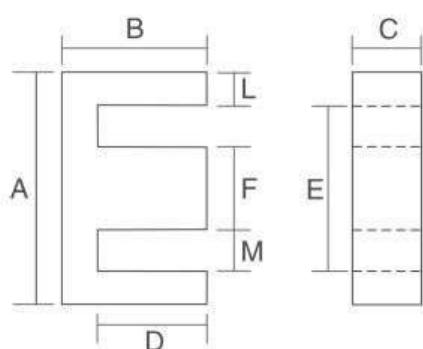
The Pot Cores whose height is more than 120mm is assembled by two parts: two small Pot Cores, one or more magnetic loop-rod in the middle of the Pot Core.

E Cores



Product Identification

■ E Cores



S 43 17 E -060

Permeability: 60 μ

E core

Width: 17mm

Length: 43mm

S: Sendust SF: Si-Fe H: High Flux

Electromagnetic Properties

Part No.	Dimensions(mm)									Path Length (cm)	Cross Section Area (cm ²)	Volume (cm ³)	A _L (nH/N ²) ± 12%			
	A	B	C	D (min)	E (min)	F	L (nom)	M (min)	026 μ				040 μ	060 μ	090 μ	
S 1207E	12.7	6.4	3.56	4.42	8.89	3.56	1.78	2.64	2.96	0.130	0.385	16	25	38	57	
S 1808E	19.3	8.1	4.8	5.5	13.9	4.8	2.3	4.7	4.01	0.228	0.914	26	35	48	69	
S 2510E	25.1	9.6	6.5	6.2	18.8	6.1	3.0	6.3	4.85	0.385	1.87	39	52	70	100	
S 3007E	30.1	15.0	7.1	9.7	19.5	7.0	5.1	6.4	6.56	0.601	3.94	33	46	71	92	
S 3515E	34.5	14.1	9.3	9.6	25.3	9.3	4.4	7.9	6.94	0.840	5.83	56	75	102	146	
S 4317E	40.9	16.5	12.5	10.4	28.3	12.5	6.0	7.9	7.75	1.520	11.8	88	119	163	234	
S 4017E	42.8	21.1	10.8	15.0	30.4	11.7	5.9	9.5	9.84	1.280	12.6	56	76	105	151	
S 4020E	42.8	21.1	15.4	15.0	30.4	11.7	5.9	9.5	9.84	1.830	18.0	80	105	150	217	
S 4022E	42.8	21.1	20.0	15.0	30.4	11.7	5.9	9.5	9.84	2.370	23.3	104	140	194	281	
S 5528E	54.9	27.6	20.6	18.5	37.5	16.8	8.4	10.3	12.30	3.500	43.1	116	157	219		
S 5530E	54.9	24.6	24.6	18.5	37.5	16.8	8.4	10.3	12.30	4.170	51.4	138	187	261		
S 6527E	65.1	32.5	27.0	22.2	44.2	19.7	10.0	12.1	14.70	5.400	79.4	162	230	300		
S 7228E	72.4	27.9	19.0	17.8	52.6	19.1	9.5	16.9	13.70	3.680	50.3	130	173	236		
S 8020E	80.0	38.1	19.8	28.1	59.3	19.8	9.9	19.8	18.50	3.890	72.1	103	145	190		
S 8044E	80.0	45.1	19.8	34.7	59.3	19.8	9.9	20.2	20.80	3.890	80.9	91	140	210		
S 130LE	130.3	32.5	54.0	22.0	108.4	20.0	10.0	44.2	21.90	10.80	237	254	391	586		
S 160LE	160.0	38.1	39.6	28.1	138.2	19.8	9.9	59.3	27.30	7.780	212	180	277	415		

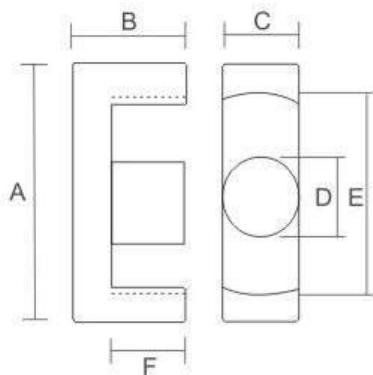
*SF (Si-Fe), S(Sendust), H(High Flux)and customized designs are also available.



ER Cores

Product Identification

■ ER Cores



S 25 09 ER-E7.5-060

Permeability: 60 μ
Height of ER core
ER core
Width: 9mm
Length: 25mm
S: Sendust SF: Si-Fe H: High Flux

Electromagnetic Properties

Part No.	Dimensions(mm)						Path Length (cm)	Cross Section Area (cm ²)	Volume (cm ³)	A _L (nH/N ²) ± 12%		
	A	B	C	D	E	F				026 μ	040 μ	060 μ
SF2507ER-E9.3	25.5	9.3	7.5	7.5	19.8	6.2	5.10	0.450	2.30	39	53	73
SF2507ER-E11	25.5	11.0	7.5	7.5	19.8	7.9	5.78	0.450	2.60	34	47	65
SF3010ER-E15.8	30.6	15.8	9.8	9.8	22.0	11	8.66	0.754	6.53	38	53	72
SF3511ER-E15.8	35.0	15.8	11.3	11.3	25.6	9.8	8.30	1.078	8.95	57	78	108
SF3511ER-E20.7	35.0	20.7	11.3	11.3	25.6	14.7	10.27	1.078	11.07	46	63	87
SF4013ER-E17.4	40.0	17.4	13.3	13.3	29.0	10.4	9.13	1.049	9.58	72	99	135
SF4013ER-E22.4	40.0	22.4	13.3	13.3	29.0	15.4	11.13	1.491	16.59	59	81	111
SF4215ER-E22.4	42.0	22.4	15.5	15.5	29.4	15.4	10.46	2.026	21.19	84	115	158
SF4215ER-E25.4	42.0	25.4	15.5	15.5	29.4	18.4	11.84	2.026	23.99	75	103	142
SF4917ER-E18.8	49.0	18.8	17.2	17.2	36.5	12.2	9.57	2.353	22.52	99	136	185
SF4917ER-E24.7	49.0	24.7	17.2	17.2	36.5	18.1	11.93	2.353	28.07	79	109	149

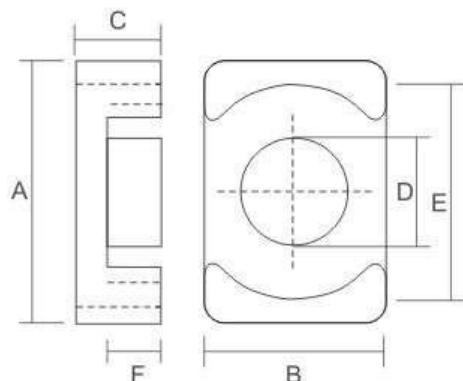
*SF (Si-Fe), S(Sendust), H(High Flux) and customized designs are also available.

EQ Cores



Product Identification

■ EQ Cores



S 2014 EQ -E8.1 -060

Permeability: 60 μ
Height OF EQ core
EQ core
Width: 14 mm
Length: 20mm
S: Sendust SF: Si-Fe H: High Flux

Electromagnetic Properties

Part No.	Dimensions(mm)						Path Length (cm)	Cross Section Area (cm ²)	Volume (cm ³)	A _L (nH/N ²) ± 12%		
	A	B	C	D	E	F				026 μ	040 μ	060 μ
S2014EQ-E8.1	20.5	14.0	8.1	8.8	18.0	5.7	4.52	0.608	2.75	44	68	101
S2014EQ-E10.1	20.5	14.0	10.1	8.8	18.0	7.7	5.32	0.608	3.23	37	57	85
S2619EQ-E10.1	26.5	19.0	10.1	12.0	22.6	6.8	5.47	1.198	6.55	72	110	165
S2619EQ-E12.4	26.5	19.0	12.4	12.0	22.6	9.1	6.39	1.198	7.66	61	94	141
S3222EQ-E10.3	32.0	22.0	10.3	13.5	27.6	6.6	6.03	1.523	9.18	83	127	190
S3222EQ-E15.2	32.0	22.0	15.2	13.5	27.6	11.5	7.99	1.523	12.17	62	96	144
S3626EQ-E17.4	36.0	26.0	17.4	14.4	32.0	13.4	9.47	1.808	17.12	62	96	144
S4128EQ-E19.9	41.5	28.0	19.9	14.9	36.5	15.4	11.52	1.997	23.01	57	87	131
S5032EQ-E25	50.0	32.0	25.0	20.0	44.0	19.5	13.34	3.141	41.90	77	118	178
S6542EQ-E30.0	65.0	42.0	30.0	26.0	57.2	22.8	16.53	5.309	87.76	105	161	242

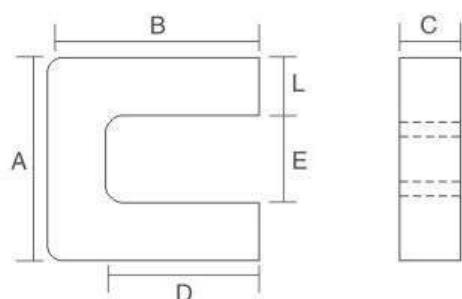
*SF (Si-Fe), S(Sendust), H(High Flux) and customized designs are also available.



U Cores

Product Identification

■ U Cores



SF 4141U-E20 -060

Permeability: 60 μ
Height: 20mm
U Cores
Width: 41mm
Length: 41mm
SF: Si-Fe S: Sendust H: High Flux

Electromagnetic Properties

Part No.	Dimensions(mm)						Path Length (cm)	Cross Section Area (cm ²)	Volume (cm ³)	A _L (nH/N ²) ± 12%		
	A	B	C	D	E	L				026 μ	040 μ	060 μ
SF3536U-E20	35.0	36.0	20.0	25.0	13.0	11.0	16.90	2.200	37.18	43	65	98
SF3536U-E25	35.0	36.0	25.0	25.0	13.0	11.0	13.90	2.750	38.23	53	82	123
SF4141U-E20	41.0	41.0	20.0	28.0	15.0	13.0	19.30	2.600	50.18	44	68	102
SF4141U-E25	41.0	41.0	25.0	28.0	15.0	13.0	19.30	3.250	62.73	55	85	127
SF4141U-E30	41.0	41.0	30.0	28.0	15.0	13.0	19.30	3.900	75.27	66	102	152
SF5251U-E25	52.0	51.0	25.0	35.0	20.0	16.0	24.30	4.000	97.20	54	83	124
SF5251U-E30	52.0	51.0	30.0	35.0	20.0	16.0	24.30	4.800	116.6	65	99	149
SF6361U-E30	63.0	60.5	30.0	41.5	25.0	19.0	29.10	5.700	165.9	64	98	148
SF6361U-E35	63.0	60.5	35.0	41.5	25.0	19.0	29.10	6.650	193.5	75	115	172
SF7965U-E30	79.0	64.5	30.0	42.5	35.0	22.0	32.60	6.600	215.2	66	102	153
SF7965U-E35	79.0	64.5	35.0	42.5	35.0	22.0	32.60	7.700	251.0	77	119	178

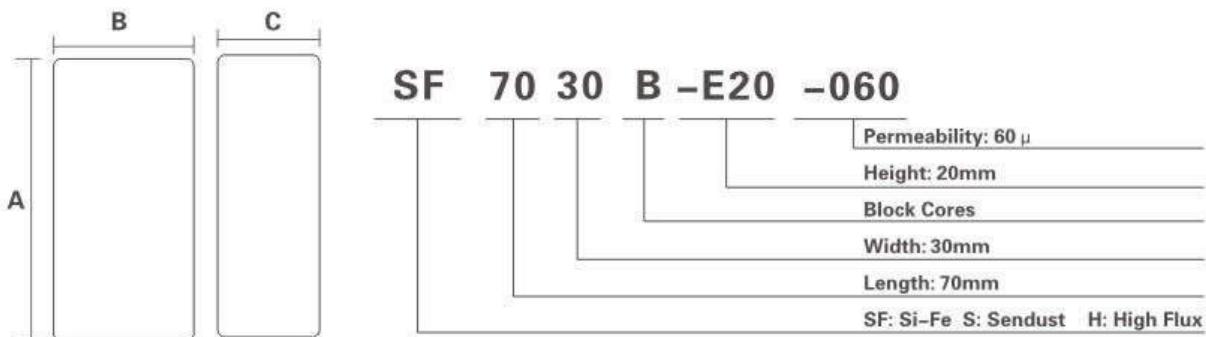
*SF (Si-Fe), S(Sendust), H(High Flux) and customized designs are also available.

Block Cores



Product Identification

■ Block Cores



Electromagnetic Properties

Part No.	Dimensions (mm)			Cross Section Area(cm^2)
	A	B	C	
SF5030B-E15	50.5	30.3	15	4.5
SF5030B-E20	50.5	30.3	20	6
SF6030B-E15	60.5	30.3	15	4.5
SF6030B-E20	60.5	30.3	20	6
SF7030B-E15	70.5	30.3	15	4.5
SF7030B-E20	70.5	30.3	20	6
SF8030B-E15	80.5	30.3	15	4.5
SF8030B-E20	80.5	30.3	20	6

*SF (Si-Fe),S(Sendust),H(High Flux)and customized designs are also available.



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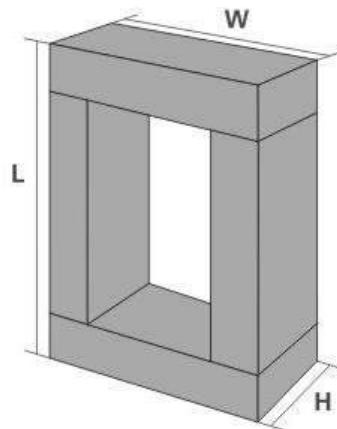
semic@semic.cz



Block Cores

Product Identification

■ Block Cores



Unit Part No.	Assembled (L × W × H mm)	Path Length (cm)	Window Area (cm ²)	Sectional Area (cm ²)	A _u (nH/N ²) ± 12%		
					026 µ	040 µ	060 µ
SF5030B-E15	80 × 50 × 30	18.71	15	3	95	121	181
SF5030B-E20	90 × 50 × 30	18.28	24	3	130	165	247
SF6030B-E15	90 × 60 × 30	22.71	18	4.5	79	100	149
SF6030B-E20	100 × 60 × 30	22.28	12	6	107	135	203
SF7030B-E15	100 × 70 × 30	26.71	28	4.5	67	85	127
SF7030B-E20	110 × 70 × 30	26.28	21	6	91	115	172
SF8030B-E15	110 × 80 × 30	30.71	40	4.5	58	74	110
SF8030B-E20	120 × 80 × 30	30.28	32	6	78	100	149

※SF (Si-Fe), S(Sendust), H(High Flux) and customized designs are also available.

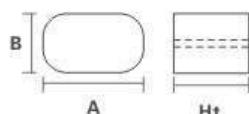


Ellipse Cores

Product Identification

■ Ellipse Cores

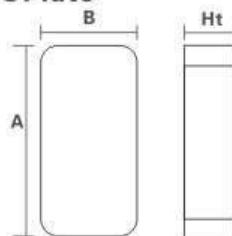
UPost



SF 35 20 L -E20 -060



UPlate



SF 50 35 L -E18 -060



Post Part No.	Dimensions				Cross Section Area (cm^2)
	A Length (mm)	B Width (mm)	RC Radius (mm)	Ht Height (mm)	
SF3515L-E20	35	15	7.5	20	4.77
SF3515L-E25	35	15	7.5	25	4.77
SF3520L-E20	35	20	7.5	20	6.52
SF3520L-E25	35	20	7.5	25	6.52

Plate Part No.	Dimensions					Cross Section Area (cm^2)
	A Length (mm)	B Width (mm)	RC Radius (mm)	Ht Height (mm)		
SF5035L-E13	50	35	7.5	13.5		4.77
SF5035L-E18	50	35	7.5	13.5		6.52
SF6035L-E13	50	35	7.5	13.5		4.77
SF6035L-E18	50	35	7.5	13.5		6.52
SF7035L-E13	50	35	7.5	13.5		4.77
SF7035L-E18	50	35	7.5	13.5		6.52

*SF (Si-Fe), S(Sendust), H(High Flux)and customized designs are also available.



Ellipse Cores

Product Identification

■ Ellipse Cores

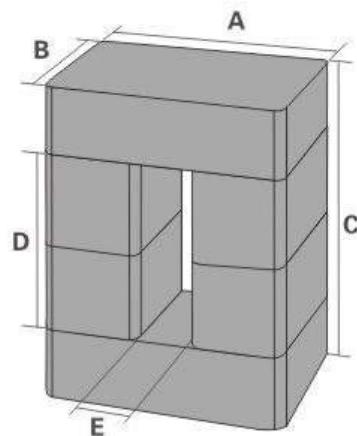


Plate Part No.	Post Part No.	1Leg Stack	Dimensions					Path Length (cm)	Cross Section Area (cm ²)	Window Area (cm ²)	AI (nH/N ²) ± 12%		
			A Length (mm)	B Width (mm)	C Height (mm)	D Inner Height (mm)	E Inner Length (mm)				026 µ	040 µ	060 µ
SF5035L-E13	SF3515L-E20	2	50	35	67	40	20	16.47	4.77	8	113	146	218
	SF3515L-E25	2	50	35	77	50	20	18.47	4.77	10	101	130	195
	SF3515L-E20	3	50	35	87	60	20	16.04	4.77	12	91	117	176
SF5035L-E18	SF3520L-E20	2	50	35	77	40	10	18.04	6.52	4	158	204	306
	SF3520L-E25	2	50	35	87	50	10	20.04	6.52	5	141	182	273
	SF3520L-E20	3	50	35	97	60	10	22.04	6.52	6	127	164	245
SF6035L-E13	SF3515L-E20	2	60	35	67	40	30	18.47	4.77	12	101	130	195
	SF3515L-E25	2	60	35	77	50	30	20.47	4.77	15	91	117	176
	SF3515L-E20	3	60	35	87	60	30	22.47	4.77	18	83	107	160
SF6035L-E18	SF3520L-E20	2	60	35	77	40	20	18.04	6.52	8	141	182	273
	SF3520L-E25	2	60	35	87	50	20	20.04	6.52	10	127	164	245
	SF3520L-E20	3	60	35	97	60	20	22.04	6.52	12	115	149	223
SF7035L-E13	SF3515L-E20	2	70	35	67	40	40	20.47	4.77	16	91	117	176
	SF3515L-E25	2	70	35	77	50	40	22.47	4.77	20	83	107	160
	SF3515L-E20	3	70	35	87	60	40	24.47	4.77	24	76	98	147
SF7035L-E18	SF3520L-E25	2	70	35	77	40	30	20.04	6.52	12	127	164	245
	SF3520L-E20	2	70	35	87	50	30	22.04	6.52	15	115	149	223
	SF3520L-E25	3	70	35	97	60	30	24.04	6.52	18	106	136	204

※SF (Si-Fe), S(Sendust), H(High Flux) and customized designs are also available.

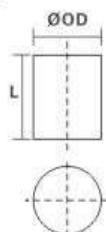
Cylinder Cores



Product Identification

■ Cylinder Cores

Upost



SF 30 30 P -060

Permeability: 60 μ

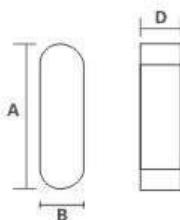
Cylinder Cores

Height: 30mm

OD: 30mm

SF: Si-Fe S: Sendust H: High Flux

UPlate



SF 54 20 L -E15 -060

Permeability: 60 μ

Height: 15mm

Ellipse Core

Width: 20mm

Length: 54mm

SF: Si-Fe S: Sendust H: High Flux

Post Part No.	Dimensions		Cross Section Area (cm ²)	Plate Part No.	Plate Part No.	Dimensions				Cross Section Area (cm ²)	Post Part No.
	OD(mm)	L(mm)				A Length (mm)	B Width (mm)	RC Radius (mm)	D Height (mm)		
SF2020P	20	20	3.14	SF5420L	SF5420L-E15	54	20	10.0	15	3.14	SF2020P
SF2424P	24	24	4.52	SF6424L	SF6424L-E18	64	24	12.0	18	4.52	SF2424P
SF2525P	25	25	4.91	SF6725L	SF6725L-E19	67	25	12.5	19	4.91	SF2525P
SF2727P	27	27	6.00	SF7428L	SF7428L-E21	74	27	13.7	21	6.00	SF2828P
SF3030P	30	30	7.07	SF8030L	SF8030L-E23	80	30	15.0	23	7.07	SF3030P
SF3035P	30	35	7.07	SF8030L							
SF6030P	60	30	28.27								

*SF (Si-Fe), S(Sendust), H(High Flux) and customized designs are also available.



Cylinder Cores

Product Identification

■ Cylinder Cores

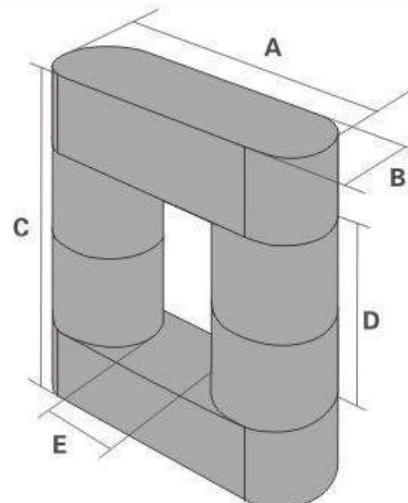


Plate Part No.	Post Part No.	1Leg Stack	Dimensions					Path Length (cm)	Cross Section Area (cm²)	Window Area (cm²)	AL (nH/N³) ± 12%		
			A Length (mm)	B Width (mm)	C Height (mm)	D Inner Height (mm)	E Inner Length (mm)				026 µ	040 µ	060 µ
SF5420L-E15	SF2020P	1	54	20	51.4	20	14	12.41	3.14	2.8	99	127	191
		2	54	20	71.4	40	14	16.41	3.14	5.6	75	96	144
		3	54	20	91.4	60	14	20.41	3.14	5.4	60	77	116
SF6424L-E18	SF2424P	1	64	24	61.6	24	16	14.72	4.52	3.84	120	154	232
		2	64	24	85.6	48	16	19.52	4.52	7.68	90	116	175
		3	64	24	109.6	72	16	24.32	4.52	11.52	72	93	140
SF6725L-E19	SF2525P	1	67	25	64.2	25	17	15.41	4.91	4.25	124	160	240
		2	67	25	89.2	50	17	20.41	4.91	8.5	94	121	181
		3	67	25	114.2	75	17	25.41	4.91	12.75	75	97	146
SF7428L-E21	SF2828P	1	74	27.5	71.4	28	19	17.13	6.00	5.32	136	176	264
		2	74	27.5	99.4	56	19	22.73	6.00	10.64	103	133	199
		3	74	27.5	127.4	84	19	28.33	6.00	15.96	83	106	160
SF8030L-E23	SF3030P	1	80	30	77	30	20	18.4	7.07	6	150	193	290
		2	80	30	107	60	20	24.4	7.07	12	113	146	218
		3	80	30	137	90	20	30.4	7.07	8	91	117	175

*SF (Si-Fe), S(Sendust), H(High Flux) and customized designs are also available.

Special Cores



Special Cores

KDM owns an excellent R&D team. Besides the special magnetic powder cores listed in this catalogue, KDM also can develop and supply custom made cores that make the cores widely used in the power electronic system.



New Generation Powder Cores

Low Cost Si-Fe Cores

Super Sendust Cores



www.semic.cz
semic@semic.cz

Semic Trade, s.r.o., Volutová 2521/18, 158 00 Praha 5
Telephone: +420 251 625 331, 251 625 332, 251 625 377
GSM: +420 605 999 994 Fax: +420 251 626 252, 251 626 393

SEMIC
TRADE

Low Cost Si-Fe Cores

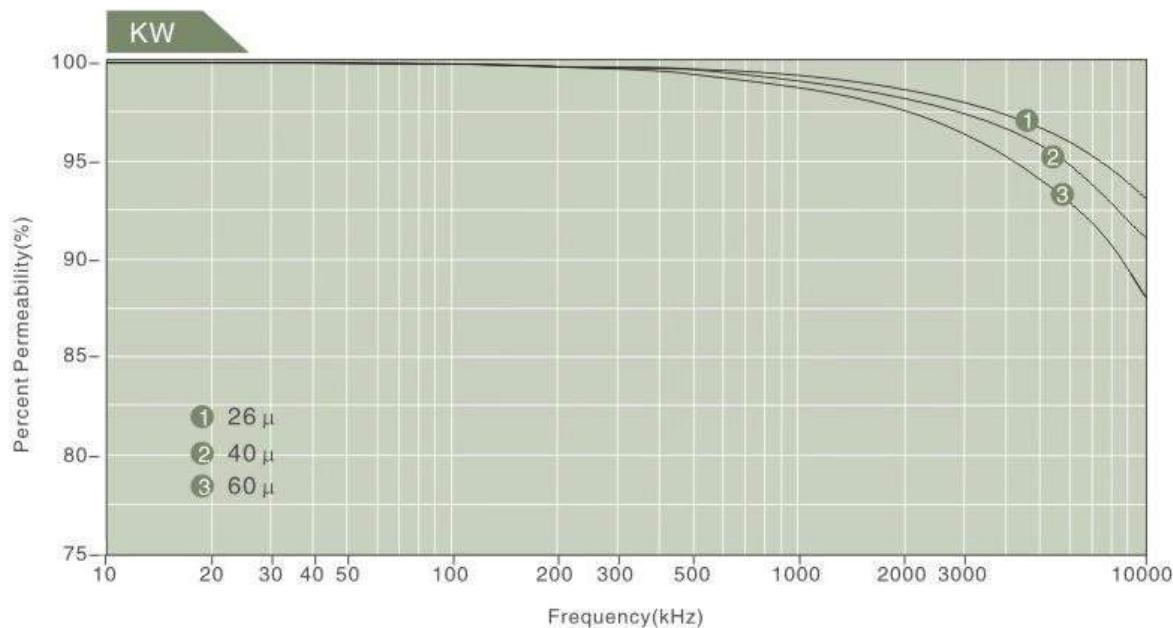


Low Cost Si-Fe Cores(KW Cores)

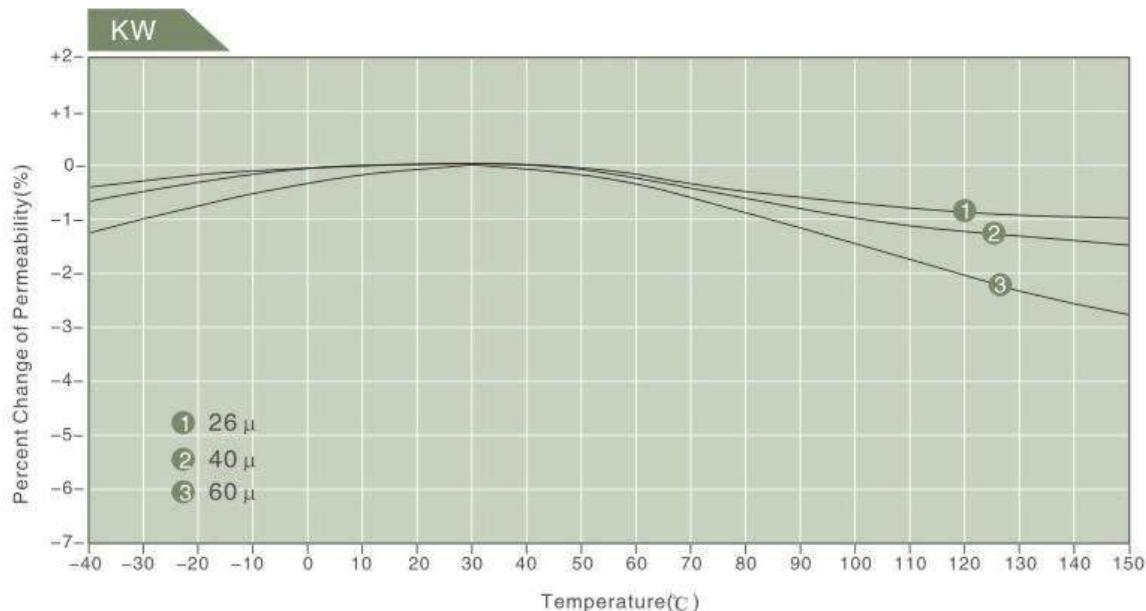
KW Core is a new generation low cost powder core from KDM.
It has a saturation flux density of 14000 Gauss and permeability from 26-60.
KW Core has low core loss, and excellent DC characteristics.
KW Core also has excellent temperature stability and high energy storage capability.
KW Core is mainly used in high current application, just as UPS, Solar inverter, etc.

Low Cost Si-Fe Cores

Permeability vs .Frequency

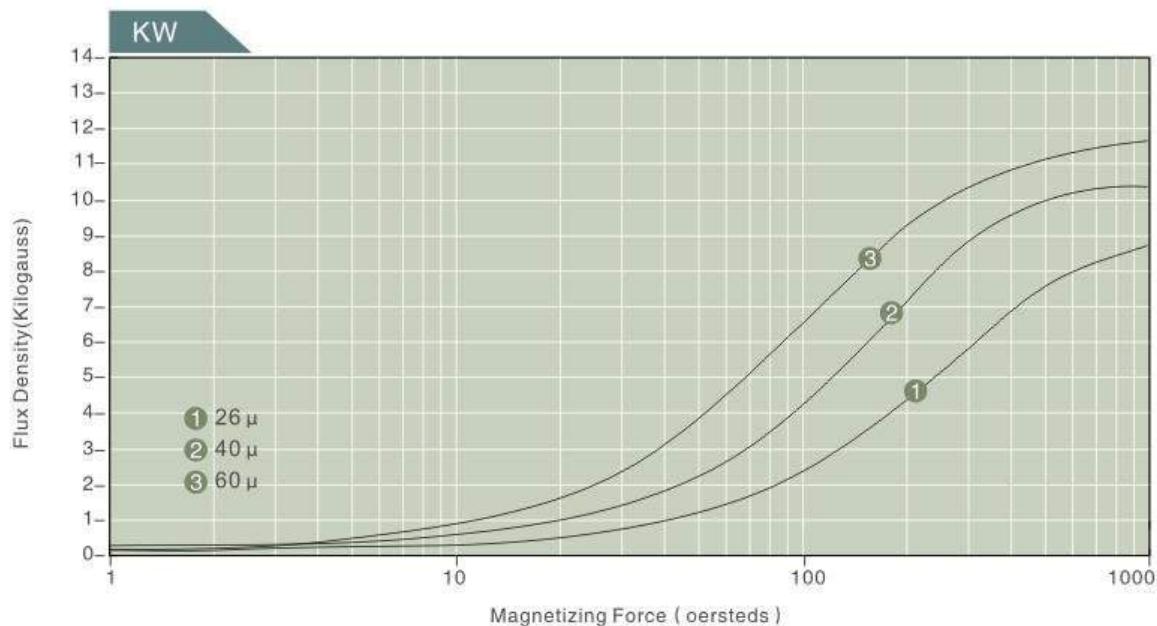


Temperature Stability

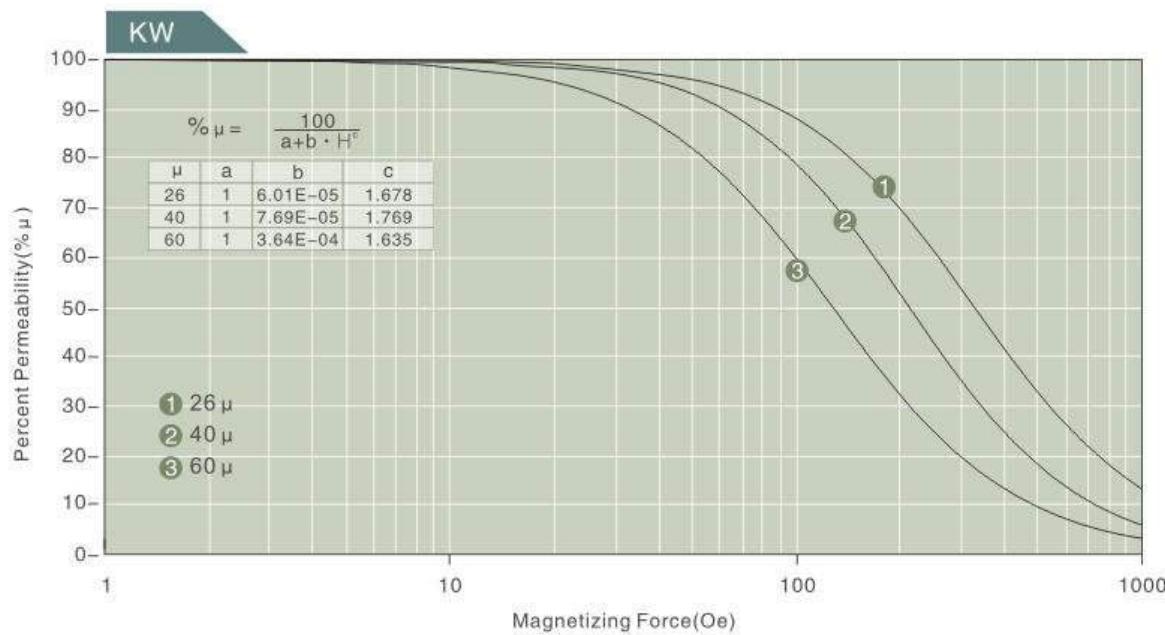


Low Cost Si-Fe Cores

Normal Magnetization Curves

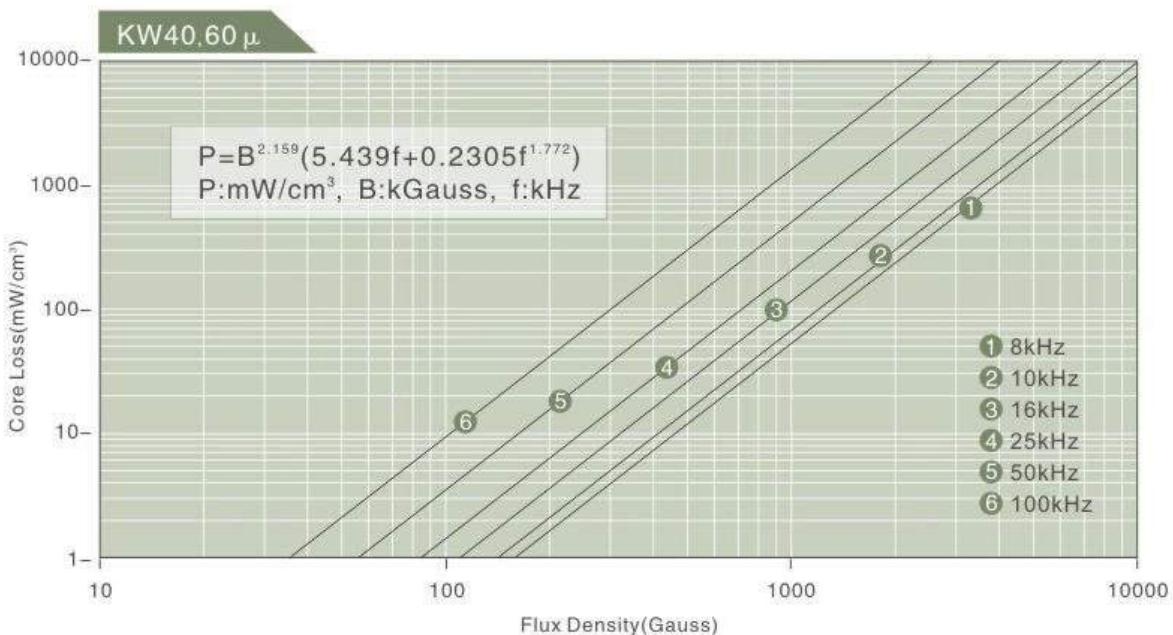
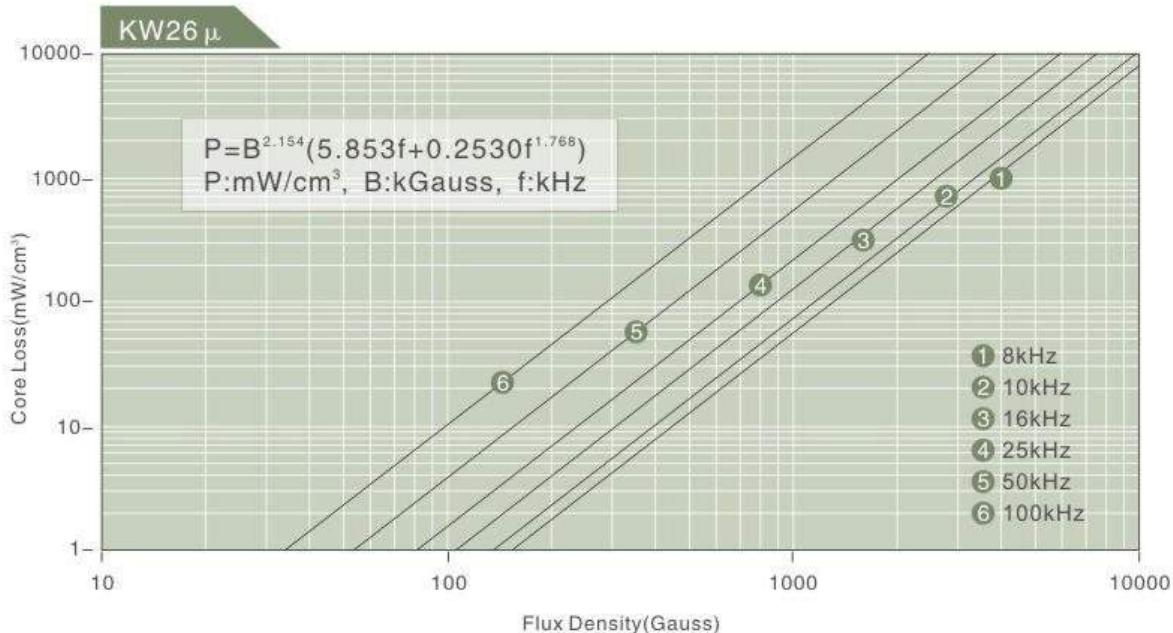


Percent Change of Permeability vs .DC Magnetizing Force



Low Cost Si-Fe Cores

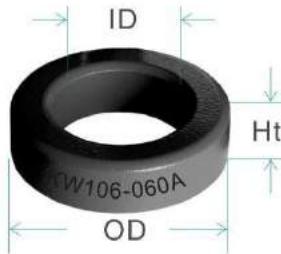
Typical Core Loss Curves



Low Cost Si-Fe Cores

TYPICAL PART NO . KW 106-060 A

KDM Material Mix No.
Size: OD in 100th inches
Permeability(μ_r)
Core Grading



KDM Material Mix No .
KS: Sendust Cores(Black)
KSF: Si-Fe Cores(Blue)
KH: High Flux Cores(Khaki)
KM: MPP Cores(Gray)
KW: Low Cost Si-Fe Cores(Brown)

Specifications

PART NO.	Before Finish Dimensions			After Finish Dimensions			Path Length [cm]	Cross Section Area [cm ²]	AL value(nH/N ²) ± 8%		
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			026 μ	040 μ	060 μ
KW090	22.90	14.07	7.62	23.62	13.39	8.38	5.67	0.331	19	29	43
KW092	23.60	14.40	8.89	24.30	13.77	9.70	5.88	0.388	22	34	51
KW106	26.90	14.70	11.20	27.70	14.10	11.99	6.35	0.654	32	50	75
KW130	33.00	19.90	10.70	33.83	19.30	11.61	8.15	0.672	28	41	61
KW141	35.80	22.40	10.50	36.63	21.54	11.28	8.98	0.678	24	37	56
KW157	39.90	24.10	14.50	40.72	23.30	15.37	9.84	1.072	35	54	81
KW184	46.70	24.10	18.00	47.63	23.32	18.92	10.74	1.990	59	90	135
KW225	57.20	26.40	15.20	58.00	25.60	16.10	12.50	2.290	60	92	138
KW226	57.20	35.60	14.00	58.00	34.70	14.86	14.30	1.444	33	50	75
KW250	62.00	32.60	25.00	63.10	31.37	26.27	14.37	3.675	83	128	192
KW300	77.80	49.20	12.70	78.90	48.20	13.84	20.00	1.770	30	45	68
KW301	77.80	49.20	15.90	78.90	48.20	17.02	19.95	2.270	37	57	85
KW400	101.60	57.15	16.51	103.12	55.75	17.78	24.27	3.522	47	75	112
KW401	101.60	57.15	13.59	103.12	55.75	14.86	24.27	2.972	40	61	92
KW520	132.54	78.59	20.32	133.96	77.04	21.72	32.43	5.347	54	83	124
KW521	132.54	78.59	25.40	133.96	77.04	26.80	32.43	6.710	68	104	156
KW650-E25.4	165.00	88.90	25.40	167.20	86.90	27.30	38.65	9.460	80	123	184

Super Sendust Cores



Super Sendust Cores

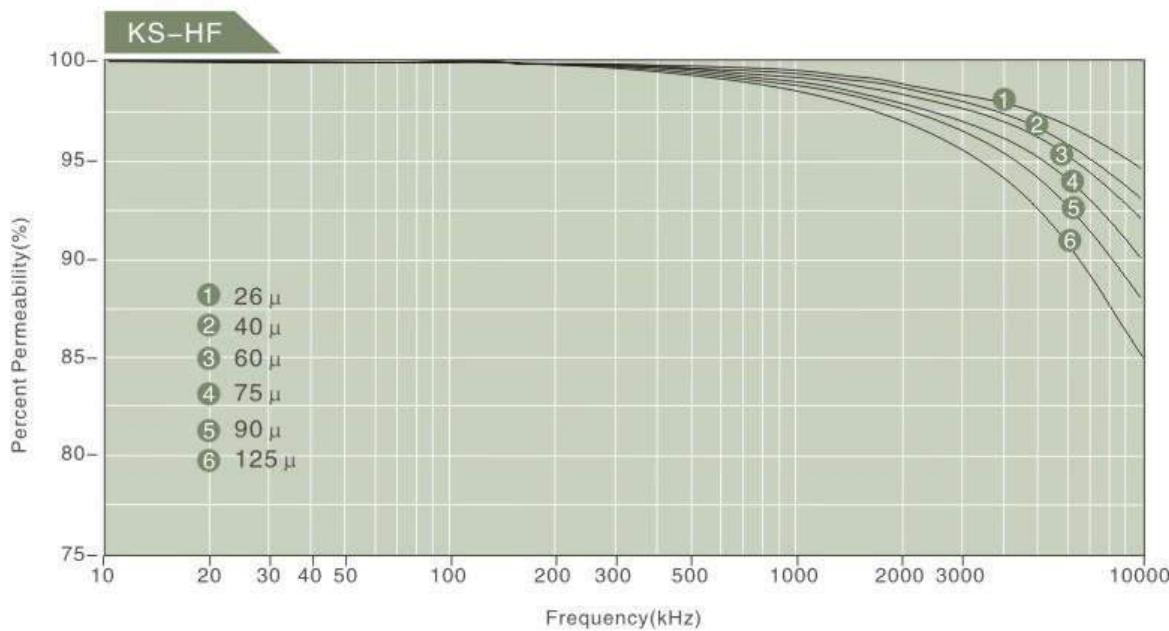
KDM releases a new series called Super Sendust Cores which have good DC bias characteristics close to Si-Fe cores with core losses similar to Sendust cores.

High permeability KS-HF cores ($75\text{--}125\mu$) will be an economic solution for applications which require high efficiency such as low power switching power supply, server power, automotive, solar power.

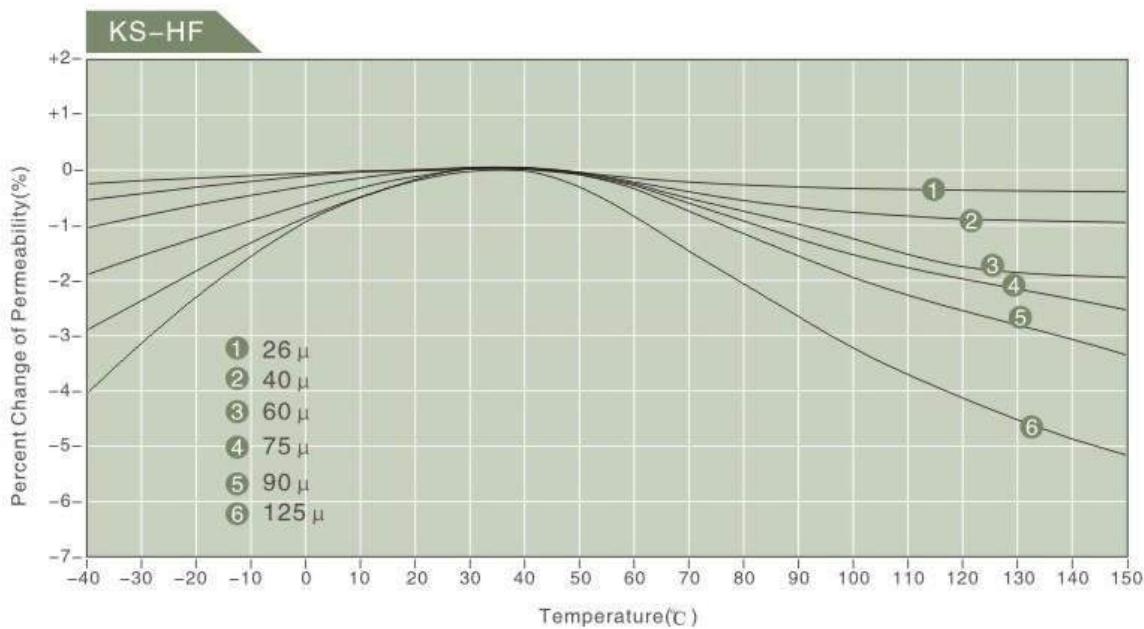
KS-HF cores with low permeability ($26\text{--}60\mu$) are applied to various large current applications which lower losses and excellent DC bias characteristics are critical. They are applied to various applications such as UPS, power inverter, industrial power .

Super Sendust Cores

Permeability vs .Frequency

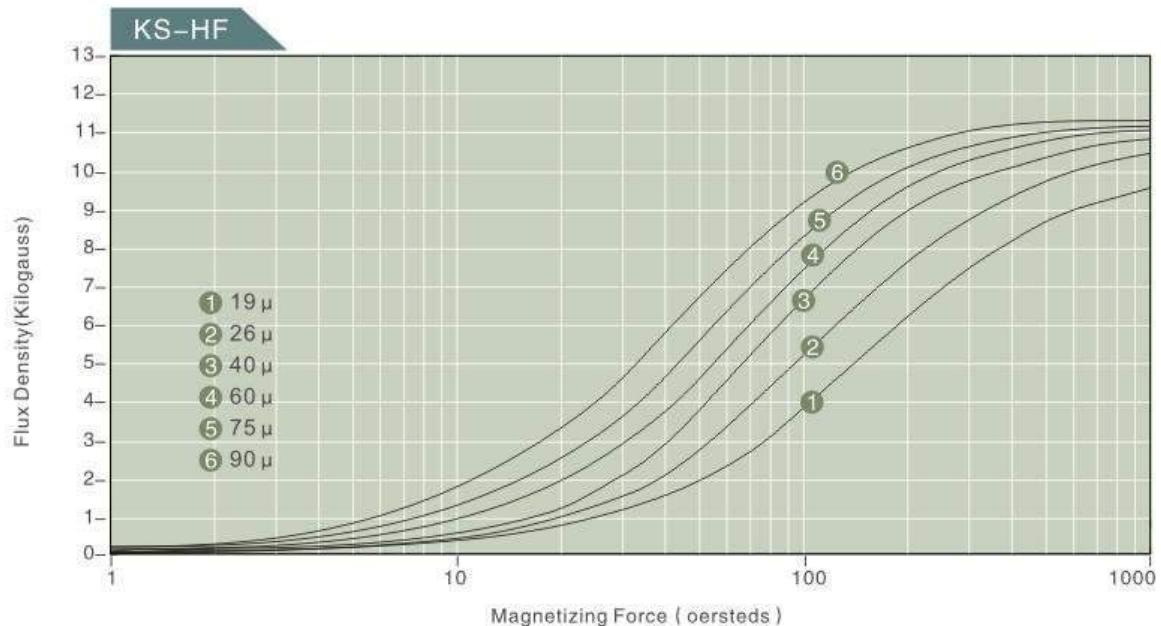


Temperature Stability

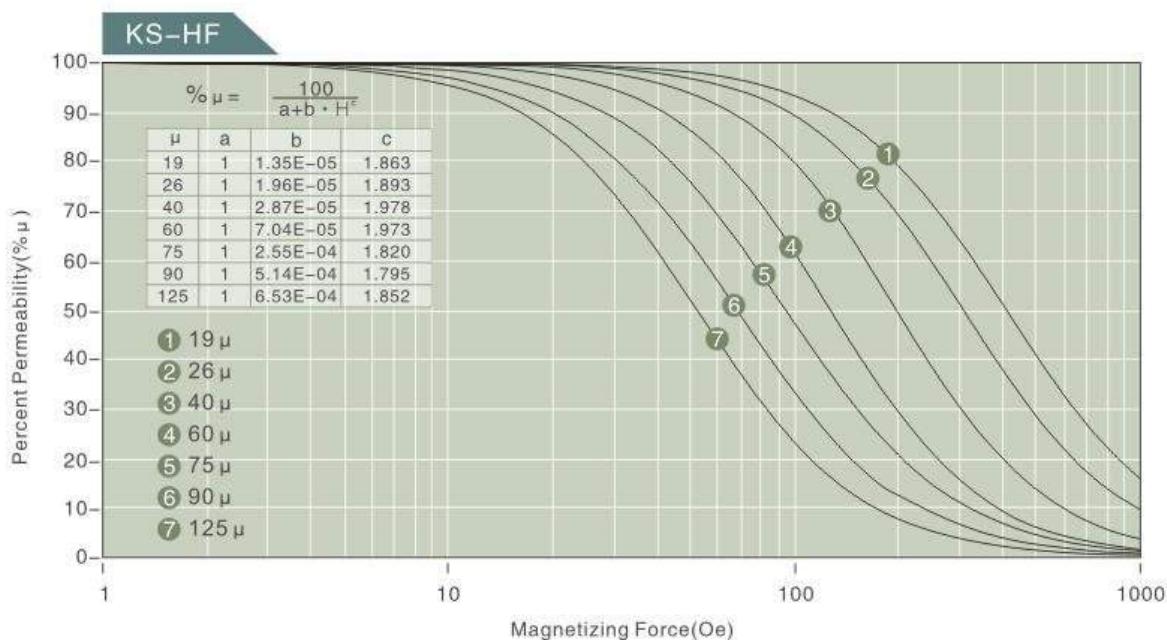


Super Sendust Cores

Normal Magnetization Curves

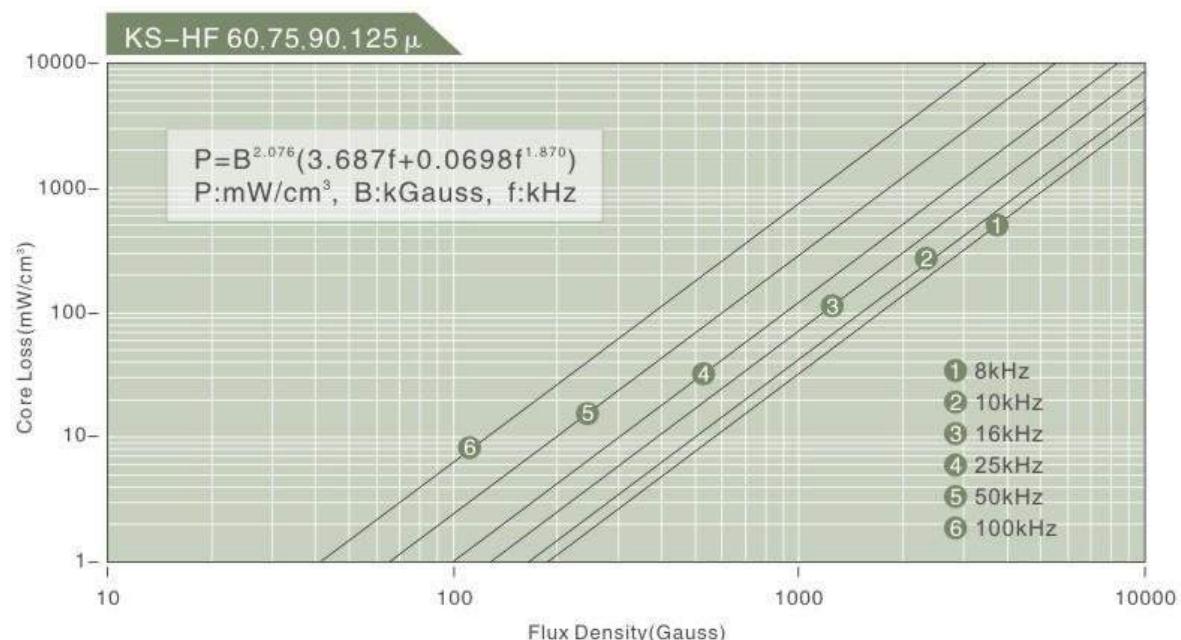
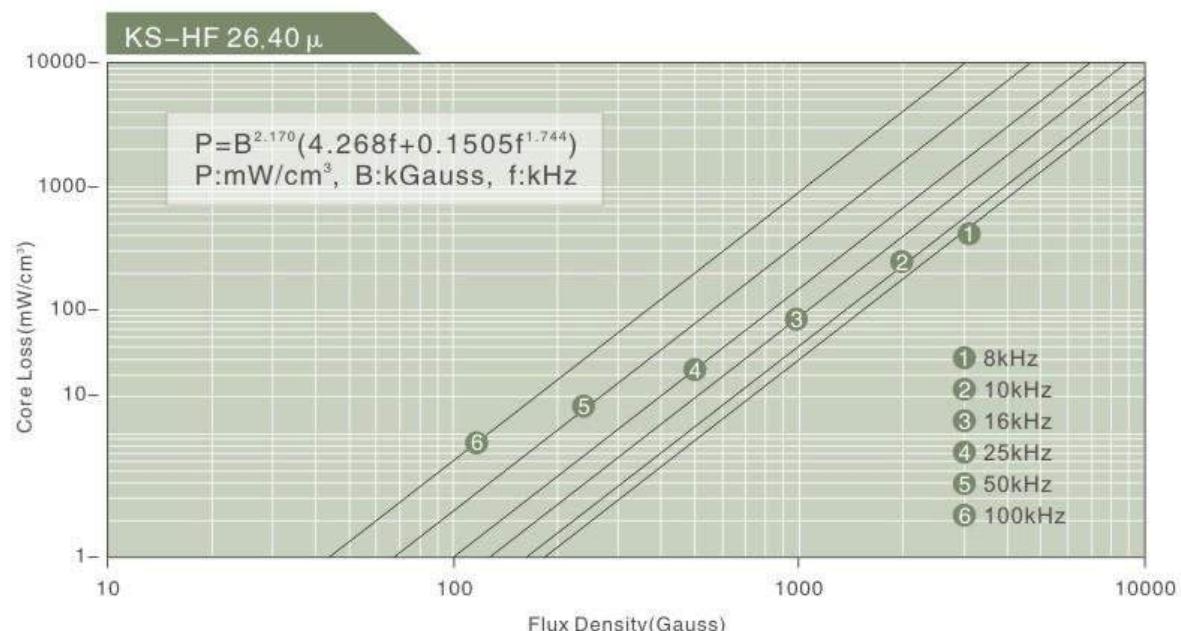


Percent Change of Permeability vs .DC Magnetizing Force



Super Sendust Cores

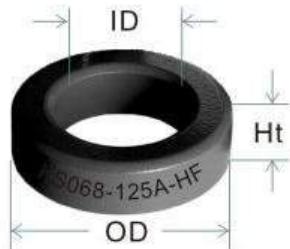
Typical Core Loss Curves



Super Sendust Cores

TYPICAL PART NO . KS 068-125 A -HF

KDM Material Mix No.
Size: OD in 100th inches
Permeability(μ)
Core Grading
Super Sendust Cores



KDM Material Mix No .
KS: Sendust Cores(Black)
KSF: Si-Fe Cores(Blue)
KH: High Flux Cores(Khaki)
KM: MPP Cores(Gray)
KS-HF; Super Sendust Cores(Black)

Specifications

PART NO.	Before Finish Dimension			After Finish Dimensions			Path Length [cm]	Cross Section Area [cm ²]	AL value(nH/N ²) ± 8%					
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			026 μ	040 μ	060 μ	075 μ	090 μ	125 μ
KS080-HF	20.30	12.70	6.35	21.10	12.07	7.11	5.09	0.226	14	21	32	41	49	68
KS090-HF	22.90	14.07	7.62	23.62	13.39	8.38	5.67	0.331	19	29	43	54	65	98
KS092-HF	23.60	14.40	8.89	24.30	13.77	9.70	5.88	0.388	22	34	51	63	76	105
KS106-HF	26.90	14.70	11.20	27.70	14.10	11.99	6.35	0.654	32	50	75	94	113	157
KS130-HF	33.00	19.90	10.70	33.83	19.30	11.61	8.15	0.672	28	41	61	76	91	127
KS141-HF	35.80	22.40	10.50	36.63	21.54	11.28	8.98	0.678	24	37	56	70	84	117
KS157-HF	39.90	24.10	14.50	40.72	23.30	15.37	9.84	1.072	35	54	81	101	121	168
KS184-HF	46.70	24.10	18.00	47.63	23.32	18.92	10.74	1.990	59	90	135	169	202	281
KS225-HF	57.20	35.60	14.00	58.00	34.70	14.86	14.30	1.444	33	50	75	94	112	156
KS226-HF	57.20	26.40	15.20	58.00	25.60	16.10	12.50	2.290	60	92	138	175	207	287
KS250-HF	62.00	32.60	25.00	63.10	31.37	26.27	14.37	3.675	83	128	192	240	288	400
KS300-HF	77.80	49.20	12.70	78.90	48.20	13.84	20.00	1.770	30	45	68	85	102	142
KS301-HF	77.80	49.20	15.90	78.90	48.20	17.02	19.95	2.270	37	57	85	107	128	178
KS400-HF	101.60	57.15	16.51	103.12	55.75	17.78	24.27	3.522	47	75	112	137	134	228
KS401-HF	101.60	57.15	13.59	103.12	55.75	14.86	24.27	2.972	40	61	92	115	139	192
KS520-HF	132.54	78.59	20.32	133.96	77.04	21.72	32.43	5.347	54	83	124	155	187	259
KS521-HF	132.54	78.59	25.40	133.96	77.04	26.80	32.43	6.710	68	104	156	195	234	325
KS650-HF-E25.4	165.00	88.90	25.40	167.20	86.90	27.30	38.65	9.460	80	123	184	230	276	384

*Please contact us for more specifications and shapes.

Cores Cross Reference Table

Sendust

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	Alt [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KS025-026A	MS-025026-8	-	S025-010A	-	0.250	6.35	0.110	2.79	0.110	2.79	26	10
KS025-060A	MS-025060-8	77021	S025-024A	CS063060	0.250	6.35	0.110	2.79	0.110	2.79	60	24
KS025-075A	MS-025075-8	77825	S025-030A	CS063075	0.250	6.35	0.110	2.79	0.110	2.79	75	30
KS025-090A	MS-025090-8	77824	S025-036A	CS063090	0.250	6.35	0.110	2.79	0.110	2.79	90	36
KS025-125A	MS-025125-8	77020	S025-050A	CS063125	0.250	6.35	0.110	2.79	0.110	2.79	125	50
KS026-026A	MS-026026-8	-	S026-021A	-	0.260	6.60	0.105	2.67	0.188	4.78	26	21
KS026-060A	MS-026060-8	77271	S026-050A	CS067060	0.260	6.60	0.105	2.67	0.188	4.78	60	50
KS026-075A	MS-026075-8	77875	S026-062A	CS067075	0.260	6.60	0.105	2.67	0.188	4.78	75	62
KS026-090A	MS-026090-8	77874	S026-074A	CS067090	0.260	6.60	0.105	2.67	0.188	4.78	90	74
KS026-125A	MS-026125-8	77270	S026-103A	CS067125	0.260	6.60	0.105	2.67	0.188	4.78	125	103
KS027-026A	MS-027026-8	-	S026-011A	-	0.260	6.60	0.105	2.67	0.100	2.54	26	11
KS027-060A	MS-027060-8	77241	S026-026A	CS066060	0.260	6.60	0.105	2.67	0.100	2.54	60	26
KS027-075A	MS-027075-8	77245	S026-032A	CS066075	0.260	6.60	0.105	2.67	0.100	2.54	75	32
KS027-090A	MS-027090-8	77244	S026-039A	CS066090	0.260	6.60	0.105	2.67	0.100	2.54	90	39
KS027-125A	MS-027125-8	77240	S026-054A	CS066125	0.260	6.60	0.105	2.67	0.100	2.54	125	54
KS031-026A	MS-031026-8	-	S031-011A	-	0.310	7.87	0.156	3.96	0.125	3.18	26	11
KS031-060A	MS-031060-8	77031	S031-025A	CS078060	0.310	7.87	0.156	3.96	0.125	3.18	60	25
KS031-075A	MS-031075-8	77835	S031-031A	CS078075	0.310	7.87	0.156	3.96	0.125	3.18	75	31
KS031-090A	MS-031090-8	77834	S031-037A	CS078090	0.310	7.87	0.156	3.96	0.125	3.18	90	37
KS031-125A	MS-031125-8	77030	S031-052A	CS078125	0.310	7.87	0.156	3.96	0.125	3.18	125	52
KS038-026A	MS-038026-8	-	S038-014A	-	0.380	9.65	0.188	4.78	0.156	3.96	26	14
KS038-060A	MS-038060-8	77291	S038-032A	CS097060	0.380	9.65	0.188	4.78	0.156	3.96	60	32
KS038-075A	MS-038075-8	77295	S038-040A	CS097075	0.380	9.65	0.188	4.78	0.156	3.96	75	40
KS038-090A	MS-038090-8	77294	S038-048A	CS097090	0.380	9.65	0.188	4.78	0.156	3.96	90	48
KS038-125A	MS-038125-8	77290	S038-066A	CS097125	0.380	9.65	0.188	4.78	0.156	3.96	125	66
KS039-026A	MS-039026-8	-	S038-011A	-	0.380	9.65	0.188	4.78	0.125	3.18	26	11
KS039-060A	MS-039060-8	77281	S038-025A	CS096060	0.380	9.65	0.188	4.78	0.125	3.18	60	25
KS039-075A	MS-039075-8	77885	S038-032A	CS096075	0.380	9.65	0.188	4.78	0.125	3.18	75	32
KS039-090A	MS-039090-8	77884	S038-038A	CS096090	0.380	9.65	0.188	4.78	0.125	3.18	90	38
KS039-125A	MS-039125-8	77280	S038-053A	CS096125	0.380	9.65	0.188	4.78	0.125	3.18	125	53
KS040-026A	MS-040026-2	-	S040-014A	-	0.400	10.20	0.200	5.08	0.156	3.96	26	14
KS040-060A	MS-040060-2	77041	S040-032A	CS102060	0.400	10.20	0.200	5.08	0.156	3.96	60	32
KS040-075A	MS-040075-2	77845	S040-040A	CS102075	0.400	10.20	0.200	5.08	0.156	3.96	75	40
KS040-090A	MS-040090-2	77844	S040-048A	CS102090	0.400	10.20	0.200	5.08	0.156	3.96	90	48
KS040-125A	MS-040125-2	77040	S040-066A	CS102125	0.400	10.20	0.200	5.08	0.156	3.96	125	66
KS044-026A	MS-044026-2	-	S044-011A	CS112026	0.440	11.20	0.250	6.35	0.156	3.96	26	11
KS044-060A	MS-044060-2	77131	S044-026A	CS112060	0.440	11.20	0.250	6.35	0.156	3.96	60	26
KS044-075A	MS-044075-2	77335	S044-032A	CS112075	0.440	11.20	0.250	6.35	0.156	3.96	75	32
KS044-090A	MS-044090-2	77334	S044-038A	CS112090	0.440	11.20	0.250	6.35	0.156	3.96	90	38
KS044-125A	MS-044125-2	77130	S044-053A	CS112125	0.440	11.20	0.250	6.35	0.156	3.96	125	53
KS050-026A	MS-050026-2	-	S050-012A	CS127026	0.500	12.70	0.300	7.62	0.187	4.75	26	12
KS050-060A	MS-050060-2	77051	S050-027A	CS127060	0.500	12.70	0.300	7.62	0.187	4.75	60	27
KS050-075A	MS-050075-2	77055	S050-034A	CS127075	0.500	12.70	0.300	7.62	0.187	4.75	75	34
KS050-090A	MS-050090-2	77054	S050-040A	CS127090	0.500	12.70	0.300	7.62	0.187	4.75	90	40
KS050-125A	MS-050125-2	77050	S050-056A	CS127125	0.500	12.70	0.300	7.62	0.187	4.75	125	56
KS065-026A	MS-065026-2	-	S065-015A	CS166026	0.650	16.50	0.400	10.20	0.250	6.35	26	15
KS065-060A	MS-065060-2	77121	S065-035A	CS166060	0.650	16.50	0.400	10.20	0.250	6.35	60	35
KS065-075A	MS-065075-2	77225	S065-043A	CS166075	0.650	16.50	0.400	10.20	0.250	6.35	75	43

Cores Cross Reference Table

Sendust

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	AI [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KS065-090A	MS-065090-2	77224	S065-052A	CS166090	0.650	16.50	0.400	10.20	0.250	6.35	90	52
KS065-125A	MS-065125-2	77120	S065-072A	CS166125	0.650	16.50	0.400	10.20	0.250	6.35	125	72
KS068-026A	MS-068026-2	-	S068-019A	CS172026	0.680	17.30	0.380	9.65	0.250	6.35	26	19
KS068-060A	MS-068060-2	77381	S068-043A	CS172060	0.680	17.30	0.380	9.65	0.250	6.35	60	43
KS068-075A	MS-068075-2	77385	S068-053A	CS172075	0.680	17.30	0.380	9.65	0.250	6.35	75	53
KS068-090A	MS-068090-2	77384	S068-064A	CS172090	0.680	17.30	0.380	9.65	0.250	6.35	90	64
KS068-125A	MS-068125-2	77380	S068-089A	CS172125	0.680	17.30	0.380	9.65	0.250	6.35	125	89
KS080-026A	MS-080026-2	-	S080-014A	CS203026	0.800	20.30	0.500	12.70	0.250	6.35	26	14
KS080-040A	-	77847	-	-	0.800	20.30	0.500	12.70	0.250	6.35	40	21
KS080-060A	MS-080060-2	77848	S080-032A	CS203060	0.800	20.30	0.500	12.70	0.250	6.35	60	32
KS080-075A	MS-080075-2	77211	S080-041A	CS203075	0.800	20.30	0.500	12.70	0.250	6.35	75	41
KS080-090A	MS-080090-2	77210	S080-049A	CS203090	0.800	20.30	0.500	12.70	0.250	6.35	90	49
KS080-125A	MS-080125-2	77206	S080-068A	CS203125	0.800	20.30	0.500	12.70	0.250	6.35	125	68
KS090-026A	MS-090026-2	77312	S090-019A	CS229026	0.900	22.90	0.550	14.07	0.300	7.62	26	19
KS090-040A	-	77316	-	-	0.900	22.90	0.550	14.07	0.300	7.62	40	29
KS090-060A	MS-090060-2	77059	S090-043A	CS229060	0.900	22.90	0.550	14.07	0.300	7.62	60	43
KS090-075A	MS-090075-2	77315	S090-054A	CS229075	0.900	22.90	0.550	14.07	0.300	7.62	75	54
KS090-090A	MS-090090-2	77314	S090-065A	CS229090	0.900	22.90	0.550	14.07	0.300	7.62	90	65
KS090-125A	MS-090125-2	77310	S090-090A	CS229125	0.900	22.90	0.550	14.07	0.300	7.62	125	90
KS092-026A	MS-092026-2	77352	S092-022A	CS234026	0.928	23.60	0.567	14.40	0.350	8.89	26	22
KS092-040A	-	77356	-	-	0.928	23.60	0.567	14.40	0.350	8.89	40	34
KS092-060A	MS-092060-2	77351	S092-051A	CS234060	0.928	23.60	0.567	14.40	0.350	8.89	60	51
KS092-075A	MS-092075-2	77355	S092-063A	CS234075	0.928	23.60	0.567	14.40	0.350	8.89	75	63
KS092-090A	MS-092090-2	77354	S092-076A	CS234090	0.928	23.60	0.567	14.40	0.350	8.89	90	76
KS092-125A	MS-092125-2	77350	S092-105A	CS234125	0.928	23.60	0.567	14.40	0.350	8.89	125	105
KS106-026A	MS-106026-2	77932	S106-032A	CS270026	1.060	26.90	0.580	14.70	0.440	11.20	26	32
KS106-040A	-	77936	-	-	1.060	26.90	0.580	14.70	0.440	11.20	40	50
KS106-060A	MS-106060-2	77894	S106-075A	CS270060	1.060	26.90	0.580	14.70	0.440	11.20	60	75
KS106-075A	MS-106075-2	77935	S106-094A	CS270075	1.060	26.90	0.580	14.70	0.440	11.20	75	94
KS106-090A	MS-106090-2	77934	S106-113A	CS270090	1.060	26.90	0.580	14.70	0.440	11.20	90	113
KS106-125A	MS-106125-2	77930	S106-157A	CS270125	1.060	26.90	0.580	14.70	0.440	11.20	125	157
KS107-026A	MS-107026-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	26	22
KS107-060A	MS-107060-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	60	59
KS107-075A	MS-107075-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	75	74
KS107-090A	MS-107090-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	90	89
KS107-125A	MS-107125-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	125	123
KS130-026A	MS-130026-2	77550	S130-028A	CS330026	1.300	33.00	0.785	19.90	0.420	10.70	26	28
KS130-040A	-	77555	-	-	1.300	33.00	0.785	19.90	0.420	10.70	40	41
KS130-060A	MS-130060-2	77071	S130-061A	CS330060	1.300	33.00	0.785	19.90	0.420	10.70	60	61
KS130-075A	MS-130075-2	77553	S130-076A	CS330075	1.300	33.00	0.785	19.90	0.420	10.70	75	76
KS130-090A	MS-130090-2	77552	S130-091A	CS330090	1.300	33.00	0.785	19.90	0.420	10.70	90	91
KS130-125A	MS-130125-2	77548	S130-127A	CS330125	1.300	33.00	0.785	19.90	0.420	10.70	125	127
KS131-026A	MS-131026-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	26	22
KS131-060A	MS-131060-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	60	51
KS131-075A	MS-131075-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	75	64
KS131-090A	MS-131090-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	90	76.5
KS131-125A	MS-131125-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	125	109
KS132-026A	MS-132026-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	26	28



Cores Cross Reference Table

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KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A_L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KS132-060A	MS-132060-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	60	65
KS132-075A	MS-132075-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	75	81
KS132-090A	MS-132090-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	90	97
KS132-125A	MS-132125-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	125	135
KS135-026A	MS-135026-2	77587	S135-016A	CS343026	1.350	34.30	0.920	23.40	0.350	8.89	26	16
KS135-040A	-	77591	-	-	1.350	34.30	0.920	23.40	0.350	8.89	40	25
KS135-060A	MS-135060-2	77586	S135-038A	CS343060	1.350	34.30	0.920	23.40	0.350	8.89	60	38
KS135-075A	MS-135075-2	77590	S135-047A	CS343075	1.350	34.30	0.920	23.40	0.350	8.89	75	47
KS135-090A	MS-135090-2	77589	S135-057A	CS343090	1.350	34.30	0.920	23.40	0.350	8.89	90	57
KS135-125A	MS-135125-2	77585	S135-079A	CS343125	1.350	34.30	0.920	23.40	0.350	8.89	125	79
KS141-026A	MS-141026-2	77326	S141-024A	CS358026	1.410	35.80	0.880	22.40	0.412	10.50	26	24
KS141-040A	-	77330	-	-	1.410	35.80	0.880	22.40	0.412	10.50	40	37
KS141-060A	MS-141060-2	77076	S141-056A	CS358060	1.410	35.80	0.880	22.40	0.412	10.50	60	56
KS141-075A	MS-141075-2	77329	S141-070A	CS358075	1.410	35.80	0.880	22.40	0.412	10.50	75	70
KS141-090A	MS-141090-2	77328	S141-084A	CS358090	1.410	35.80	0.880	22.40	0.412	10.50	90	84
KS141-125A	MS-141125-2	77324	S141-117A	CS358125	1.410	35.80	0.880	22.40	0.412	10.50	125	117
KS157-026A	MS-157026-2	77256	S157-035A	CS400026	1.570	39.90	0.950	24.10	0.570	14.50	26	35
KS157-040A	-	77260	-	-	1.570	39.90	0.950	24.10	0.570	14.50	40	54
KS157-060A	MS-157060-2	77083	S157-081A	CS400060	1.570	39.90	0.950	24.10	0.570	14.50	60	81
KS157-075A	MS-157075-2	77259	S157-101A	CS400075	1.570	39.90	0.950	24.10	0.570	14.50	75	101
KS157-090A	MS-157090-2	77258	S157-121A	CS400090	1.570	39.90	0.950	24.10	0.570	14.50	90	121
KS157-125A	MS-157125-2	77254	S157-168A	CS400125	1.570	39.90	0.950	24.10	0.570	14.50	125	168
KS168-026A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	26	47
KS168-060A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	60	108
KS168-075A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	75	135
KS168-090A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	90	161
KS168-125A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	125	224
KS184-026A	MS-184026-2	77440	S184-059A	CS467026	1.840	46.70	0.950	24.10	0.710	18.00	26	59
KS184-040A	-	77431	-	-	1.840	46.70	0.950	24.10	0.710	18.00	40	90
KS184-060A	MS-184060-2	77439	S184-135A	CS467060	1.840	46.70	0.950	24.10	0.710	18.00	60	135
KS184-075A	MS-184075-2	77443	S184-169A	CS467075	1.840	46.70	0.950	24.10	0.710	18.00	75	169
KS184-090A	MS-184090-2	77442	S184-202A	CS467090	1.840	46.70	0.950	24.10	0.710	18.00	90	202
KS184-125A	MS-184125-2	77438	S184-281A	CS467125	1.840	46.70	0.950	24.10	0.710	18.00	125	281
KS185-026A	MS-185026-2	77091	S185-037A	CS468026	1.840	46.70	1.130	28.70	0.600	15.20	26	37
KS185-040A	-	77095	-	-	1.840	46.70	1.130	28.70	0.600	15.20	40	57
KS185-060A	MS-185060-2	77090	S185-086A	CS468060	1.840	46.70	1.130	28.70	0.600	15.20	60	86
KS185-075A	MS-185075-2	77094	S185-107A	CS468075	1.840	46.70	1.130	28.70	0.600	15.20	75	107
KS185-090A	MS-185090-2	77093	S185-128A	CS468090	1.840	46.70	1.130	28.70	0.600	15.20	90	128
KS185-125A	MS-185125-2	77089	S185-178A	CS468125	1.840	46.70	1.130	28.70	0.600	15.20	125	178
KS200-026A	MS-200026-2	77717	S200-032A	CS508026	2.000	50.80	1.250	31.80	0.530	13.50	26	32
KS200-040A	-	77721	-	-	2.000	50.80	1.250	31.80	0.530	13.50	40	49
KS200-060A	MS-200060-2	77716	S200-073A	CS508060	2.000	50.80	1.250	31.80	0.530	13.50	60	73
KS200-075A	MS-200075-2	77720	S200-091A	CS508075	2.000	50.80	1.250	31.80	0.530	13.50	75	91
KS200-090A	MS-200090-2	77719	S200-109A	CS508090	2.000	50.80	1.250	31.80	0.530	13.50	90	109
KS200-125A	MS-200125-2	77715	S200-152A	CS508125	2.000	50.80	1.250	31.80	0.530	13.50	125	152
KS225-026A	MS-225026-2	77111	S225-033A	CS572026	2.250	57.20	1.400	35.60	0.550	14.00	26	33
KS225-040A	-	77212	-	-	2.250	57.20	1.400	35.60	0.550	14.00	40	50
KS225-060A	MS-225060-2	77110	S225-075A	CS572060	2.250	57.20	1.400	35.60	0.550	14.00	60	75



Cores Cross Reference Table

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KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A _L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KS225-075A	MS-225075-2	77214	S225-094A	CS572075	2.250	57.20	1.400	35.60	0.550	4.00	75	94
KS225-090A	MS-225090-2	77213	S225-112A	CS572090	2.250	57.20	1.400	35.60	0.550	14.00	90	112
KS225-125A	MS-225125-2	77109	S225-156A	CS572125	2.250	57.20	1.400	35.60	0.550	14.00	125	156
KS226-026A	MS-226026-2	77191	S225-060A	CS571026	2.250	57.20	1.039	26.40	0.600	15.20	26	60
KS226-040A	-	77189	-	-	2.250	57.20	1.039	26.40	0.600	15.20	40	92
KS226-060A	MS-226060-2	77192	S225-138A	CS571060	2.250	57.20	1.039	26.40	0.600	15.20	60	138
KS226-075A	MS-226075-2	77193	S225-172A	CS571075	2.250	57.20	1.039	26.40	0.600	15.20	75	175
KS226-090A	MS-226090-2	77194	S225-207A	CS571090	2.250	57.20	1.039	26.40	0.600	15.20	90	207
KS226-125A	MS-226125-2	77195	S225-287A	CS571125	2.250	57.20	1.039	26.40	0.600	15.20	125	287
KS250-026A	-	77615	-	CS610026	2.441	62.00	1.283	32.60	0.984	25.00	26	83
KS250-060A	-	77617	-	CS610060	2.441	62.00	1.283	32.60	0.984	25.00	60	192
KS250-075A	-	77618	-	CS610075	2.441	62.00	1.283	32.60	0.984	25.00	75	240
KS250-090A	-	77619	-	CS610090	2.441	62.00	1.283	32.60	0.984	25.00	90	288
KS250-125A	-	-	-	CS610125	2.441	62.00	1.283	32.60	0.984	25.00	125	400
KS268-026A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	26	62
KS268-060A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	60	143
KS268-075A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	75	179
KS268-090A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	90	214
KS268-125A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	125	300
KS290-026A	-	77735	-	CS740026	2.917	74.10	1.783	45.30	1.378	35.00	26	89
KS290-060A	-	77737	-	CS740060	2.917	74.10	1.783	45.30	1.378	35.00	60	206
KS290-027A	-	77738	-	CS740075	2.917	74.10	1.783	45.30	1.378	35.00	75	257
KS290-090A	-	77739	-	CS740090	2.917	74.10	1.783	45.30	1.378	35.00	90	309
KS290-125A	-	-	-	CS740125	2.917	74.10	1.783	45.30	1.378	35.00	125	429
KS300-026A	MS-300026-2	77868	S306-030A	CS777026	3.063	77.80	1.938	49.20	0.500	12.70	26	30
KS300-040A	-	77872	-	-	3.063	77.80	1.938	49.20	0.500	12.70	40	45
KS300-060A	MS-300060-2	77867	S306-068A	CS777060	3.063	77.80	1.938	49.20	0.500	12.70	60	68
KS300-075A	MS-300075-2	-	S306-085A	CS777075	3.063	77.80	1.938	49.20	0.500	12.70	75	85
KS300-090A	MS-300090-2	-	S306-102A	CS777090	3.063	77.80	1.938	49.20	0.500	12.70	90	102
KS300-125A	MS-300125-2	-	S306-142A	CS777125	3.063	77.80	1.938	49.20	0.500	12.70	125	142
KS301-026A	MS-301026-2	77908	S306-037A	CS778026	3.063	77.80	1.938	49.20	0.625	15.90	26	37
KS301-040A	-	77912	-	-	3.063	77.80	1.938	49.20	0.625	15.90	40	57
KS301-060A	MS-301060-2	77907	S306-085A	CS778060	3.063	77.80	1.938	49.20	0.625	15.90	60	85
KS301-075A	MS-301075-2	-	S306-107A	CS778075	3.063	77.80	1.938	49.20	0.625	15.90	75	107
KS301-090A	MS-301090-2	-	S306-128A	CS778090	3.063	77.80	1.938	49.20	0.625	15.90	90	128
KS301-125A	MS-301125-2	77906	S306-178A	CS778125	3.063	77.80	1.938	49.20	0.625	15.90	125	178
KS400-026A	MS-400026-2	77102	S400-047A	CS1016026	4.000	101.60	2.250	57.15	0.650	16.51	26	48
KS400-060A	MS-400060-2	77099	S400-112A	CS1016060	4.000	101.60	2.250	57.15	0.650	16.51	60	112
KS400-075A	MS-400075-2	-	S400-137A	-	4.000	101.60	2.250	57.15	0.650	16.51	75	137
KS400-090A	MS-400090-2	-	S400-164A	-	4.000	101.60	2.250	57.15	0.650	16.51	90	164
KS400-125A	MS-400125-2	77098	S400-228A	CS1016125	4.000	101.60	2.250	57.15	0.650	16.51	125	232
KS401-026A	MS-401026-2	-	S400-040A	-	4.000	101.60	2.250	57.15	0.535	13.59	26	40
KS401-060A	MS-401060-2	-	S400-092A	-	4.000	101.60	2.250	57.15	0.535	13.59	60	92
KS401-075A	MS-401075-2	-	S400-115A	-	4.000	101.60	2.250	57.15	0.535	13.59	75	115
KS401-090A	MS-401090-2	-	S400-139A	-	4.000	101.60	2.250	57.15	0.535	13.59	90	139
KS401-125A	MS-401125-2	-	S400-192A	-	4.000	101.60	2.250	57.15	0.535	13.59	125	192
KS520-026A	MS-520026-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	26	54
KS520-060A	MS-520060-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	60	124

Cores Cross Reference Table

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KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A_L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KS520-075A	MS-520075-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	75	155
KS520-090A	MS-520090-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	90	187
KS520-125A	MS-520125-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	125	259
KS521-026A	MS-521026-2	77337	-	CS1325026	5.218	132.54	3.094	78.59	1.000	25.40	26	68
KS521-060A	MS-521060-2	77339	-	CS1325060	5.218	132.54	3.094	78.59	1.000	25.40	60	156
KS521-075A	MS-521075-2	-	-	-	5.218	132.54	3.094	78.59	1.000	25.40	75	195
KS521-090A	MS-521090-2	-	-	-	5.218	132.54	3.094	78.59	1.000	25.40	90	234
KS521-125A	MS-521125-2	-	-	CS1325125	5.218	132.54	3.094	78.59	1.000	25.40	125	325
KS650-026A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	26	151
KS650-060A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	60	348
KS650-075A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	75	436
KS650-090A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	90	523
KS650-125A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	125	726

Cores Cross Reference Table

Si-Fe

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A _L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KSF025-026A	FS-025026-8	-	-	-	0.250	6.35	0.110	2.79	0.110	2.79	26	10
KSF025-060A	FS-025060-8	-	W025-024A	CK063060	0.250	6.35	0.110	2.79	0.110	2.79	60	24
KSF025-075A	FS-025075-8	-	-	CK063075	0.250	6.35	0.110	2.79	0.110	2.79	75	30
KSF025-090A	FS-025090-8	-	W025-036A	CK063090	0.250	6.35	0.110	2.79	0.110	2.79	90	36
KSF026-026A	FS-026026-8	-	-	-	0.260	6.60	0.105	2.67	0.188	4.78	26	21
KSF026-060A	FS-026060-8	-	W026-050A	CK067060	0.260	6.60	0.105	2.67	0.188	4.78	60	50
KSF026-075A	FS-026075-8	-	-	CK067075	0.260	6.60	0.105	2.67	0.188	4.78	75	62
KSF026-090A	FS-026090-8	-	W026-074A	CK067090	0.260	6.60	0.105	2.67	0.188	4.78	90	74
KSF027-026A	FS-027026-8	-	-	-	0.260	6.60	0.105	2.67	0.100	2.54	26	11
KSF027-060A	FS-027060-8	-	W026-026A	CK066060	0.260	6.60	0.105	2.67	0.100	2.54	60	26
KSF027-075A	FS-027075-8	-	-	CK066075	0.260	6.60	0.105	2.67	0.100	2.54	75	32
KSF027-090A	FS-027090-8	-	W026-039A	CK066090	0.260	6.60	0.105	2.67	0.100	2.54	90	39
KSF031-026A	FS-031026-8	-	-	-	0.310	7.87	0.156	3.96	0.125	3.18	26	11
KSF031-060A	FS-031060-8	-	W031-025A	CK078060	0.310	7.87	0.156	3.96	0.125	3.18	60	25
KSF031-075A	FS-031075-8	-	-	CK078075	0.310	7.87	0.156	3.96	0.125	3.18	75	31
KSF031-090A	FS-031090-8	-	W031-037A	CK078090	0.310	7.87	0.156	3.96	0.125	3.18	90	37
KSF038-026A	FS-038026-8	-	-	-	0.380	9.65	0.188	4.78	0.156	3.96	26	14
KSF038-060A	FS-038060-8	-	W038-032A	CK097060	0.380	9.65	0.188	4.78	0.156	3.96	60	32
KSF038-075A	FS-038075-8	-	-	CK097075	0.380	9.65	0.188	4.78	0.156	3.96	75	40
KSF038-090A	FS-038090-8	-	W038-048A	CK097090	0.380	9.65	0.188	4.78	0.156	3.96	90	48
KSF039-026A	FS-039026-8	-	-	-	0.380	9.65	0.188	4.78	0.125	3.18	26	11
KSF039-060A	FS-039060-8	-	W038-025A	CK096060	0.380	9.65	0.188	4.78	0.125	3.18	60	25
KSF039-075A	FS-039075-8	-	-	CK096075	0.380	9.65	0.188	4.78	0.125	3.18	75	32
KSF039-090A	FS-039090-8	-	W038-038A	CK096090	0.380	9.65	0.188	4.78	0.125	3.18	90	38
KSF040-026A	FS-040026-2	-	-	-	0.400	10.20	0.200	5.08	0.156	3.96	26	14
KSF040-060A	FS-040060-2	-	W040-032A	CK102060	0.400	10.20	0.200	5.08	0.156	3.96	60	32
KSF040-075A	FS-040075-2	-	-	CK102075	0.400	10.20	0.200	5.08	0.156	3.96	75	40
KSF040-090A	FS-040090-2	-	W040-048A	CK102090	0.400	10.20	0.200	5.08	0.156	3.96	90	48
KSF044-026A	FS-044026-2	-	-	CK112026	0.440	11.20	0.250	6.35	0.156	3.96	26	11
KSF044-060A	FS-044060-2	-	W044-026A	CK112060	0.440	11.20	0.250	6.35	0.156	3.96	60	26
KSF044-075A	FS-044075-2	-	-	CK112075	0.440	11.20	0.250	6.35	0.156	3.96	75	32
KSF044-090A	FS-044090-2	-	W044-038A	CK112090	0.440	11.20	0.250	6.35	0.156	3.96	90	38
KSF050-026A	FS-050026-2	-	-	CK127026	0.500	12.70	0.300	7.62	0.187	4.75	26	12
KSF050-060A	FS-050060-2	78051	W050-027A	CK127060	0.500	12.70	0.300	7.62	0.187	4.75	60	27
KSF050-075A	FS-050075-2	-	-	CK127075	0.500	12.70	0.300	7.62	0.187	4.75	75	34
KSF050-090A	FS-050090-2	-	W050-040A	CK127090	0.500	12.70	0.300	7.62	0.187	4.75	90	40
KSF065-026A	FS-065026-2	-	-	CK166026	0.650	16.50	0.400	10.20	0.250	6.35	26	15
KSF065-060A	FS-065060-2	78121	W065-035A	CK166060	0.650	16.50	0.400	10.20	0.250	6.35	60	35
KSF065-075A	FS-065075-2	-	-	CK166075	0.650	16.50	0.400	10.20	0.250	6.35	75	43
KSF065-090A	FS-065090-2	-	W065-052A	CK166090	0.650	16.50	0.400	10.20	0.250	6.35	90	52
KSF068-026A	FS-068026-2	-	-	CK172026	0.680	17.30	0.380	9.65	0.250	6.35	26	19
KSF068-060A	FS-068060-2	78381	W068-043A	CK172060	0.680	17.30	0.380	9.65	0.250	6.35	60	43
KSF068-075A	FS-068075-2	-	-	CK172075	0.680	17.30	0.380	9.65	0.250	6.35	75	53
KSF068-090A	FS-068090-2	-	W068-064A	CK172090	0.680	17.30	0.380	9.65	0.250	6.35	90	64
KSF080-026A	FS-080026-2	-	-	CK203026	0.800	20.30	0.500	12.70	0.250	6.35	26	14
KSF080-060A	FS-080060-2	78848	W080-032A	CK203060	0.800	20.30	0.500	12.70	0.250	6.35	60	32
KSF080-075A	FS-080075-2	-	-	CK203075	0.800	20.30	0.500	12.70	0.250	6.35	75	41
KSF080-090A	FS-080090-2	-	W080-049A	CK203090	0.800	20.30	0.500	12.70	0.250	6.35	90	49

Cores Cross Reference Table

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KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	Al [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KSF090-026A	FS-090026-2	-	-	CK229026	0.900	22.90	0.550	14.07	0.300	7.62	26	19
KSF090-060A	FS-090060-2	78059	W090-043A	CK229060	0.900	22.90	0.550	14.07	0.300	7.62	60	43
KSF090-075A	FS-090075-2	-	-	CK229075	0.900	22.90	0.550	14.07	0.300	7.62	75	54
KSF090-090A	FS-090090-2	-	W090-065A	CK229090	0.900	22.90	0.550	14.07	0.300	7.62	90	65
KSF092-026A	FS-092026-2	-	-	CK234026	0.928	23.60	0.567	14.40	0.350	8.89	26	22
KSF092-060A	FS-092060-2	78351	W092-051A	CK234060	0.928	23.60	0.567	14.40	0.350	8.89	60	51
KSF092-075A	FS-092075-2	-	-	CK234075	0.928	23.60	0.567	14.40	0.350	8.89	75	63
KSF092-090A	FS-092090-2	-	W092-076A	CK234090	0.928	23.60	0.567	14.40	0.350	8.89	90	76
KSF106-026A	FS-106026-2	-	-	CK270026	1.060	26.90	0.580	14.70	0.440	11.20	26	32
KSF106-060A	FS-106060-2	78894	W106-075A	CK270060	1.060	26.90	0.580	14.70	0.440	11.20	60	75
KSF106-075A	FS-106075-2	-	-	CK270075	1.060	26.90	0.580	14.70	0.440	11.20	75	94
KSF106-090A	FS-106090-2	-	W106-113A	CK270090	1.060	26.90	0.580	14.70	0.440	11.20	90	113
KSF107-026A	FS-107026-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	26	22
KSF107-060A	FS-107060-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	60	59
KSF107-075A	FS-107075-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	75	74
KSF107-090A	FS-107090-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	90	89
KSF130-026A	FS-130026-2	-	-	CK330026	1.300	33.00	0.785	19.90	0.420	10.70	26	28
KSF130-060A	FS-130060-2	78071	W130-061A	CK330060	1.300	33.00	0.785	19.90	0.420	10.70	60	61
KSF130-075A	FS-130075-2	-	-	CK330075	1.300	33.00	0.785	19.90	0.420	10.70	75	76
KSF130-090A	FS-130090-2	-	W130-091A	CK330090	1.300	33.00	0.785	19.90	0.420	10.70	90	91
KSF131-026A	FS-131026-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	26	22
KSF131-060A	FS-131060-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	60	51
KSF131-075A	FS-131075-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	75	64
KSF131-090A	FS-131090-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	90	76.5
KSF132-026A	FS-132026-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	26	28
KSF132-060A	FS-132060-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	60	65
KSF132-075A	FS-132075-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	75	81
KSF132-090A	FS-132090-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	90	97
KSF135-026A	FS-135026-2	-	-	CK343026	1.350	34.30	0.920	23.40	0.350	8.89	26	16
KSF135-060A	FS-135060-2	78586	W135-038A	CK343060	1.350	34.30	0.920	23.40	0.350	8.89	60	38
KSF135-075A	FS-135075-2	-	-	CK343075	1.350	34.30	0.920	23.40	0.350	8.89	75	47
KSF135-090A	FS-135090-2	-	W135-057A	CK343090	1.350	34.30	0.920	23.40	0.350	8.89	90	57
KSF141-026A	FS-141026-2	-	-	CK358026	1.410	35.80	0.880	22.40	0.412	10.50	26	24
KSF141-060A	FS-141060-2	78076	W141-056A	CK358060	1.410	35.80	0.880	22.40	0.412	10.50	60	56
KSF141-075A	FS-141075-2	-	-	CK358075	1.410	35.80	0.880	22.40	0.412	10.50	75	70
KSF141-090A	FS-141090-2	-	W141-084A	CK358090	1.410	35.80	0.880	22.40	0.412	10.50	90	84
KSF157-026A	FS-157026-2	-	-	CK400026	1.570	39.90	0.950	24.10	0.570	14.50	26	35
KSF157-060A	FS-157060-2	78083	W157-081A	CK400060	1.570	39.90	0.950	24.10	0.570	14.50	60	81
KSF157-075A	FS-157075-2	-	-	CK400075	1.570	39.90	0.950	24.10	0.570	14.50	75	101
KSF157-090A	FS-157090-2	-	W157-121A	CK400090	1.570	39.90	0.950	24.10	0.570	14.50	90	121
KSF168-026A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	26	47
KSF168-060A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	60	108
KSF168-075A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	75	135
KSF168-090A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	90	161
KSF184-026A	FS-184026-2	-	-	CK467026	1.840	46.70	0.950	24.10	0.710	18.00	26	59
KSF184-060A	FS-184060-2	78439	W184-135A	CK467060	1.840	46.70	0.950	24.10	0.710	18.00	60	135
KSF184-075A	FS-184075-2	-	-	CK467075	1.840	46.70	0.950	24.10	0.710	18.00	75	169
KSF184-090A	FS-184090-2	-	W184-202A	CK467090	1.840	46.70	0.950	24.10	0.710	18.00	90	202

Cores Cross Reference Table

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KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A _L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KSF185-026A	FS-185026-2	-	-	CK468026	1.840	46.70	1.130	28.70	0.600	15.20	26	37
KSF185-060A	FS-185060-2	78090	W185-086A	CK468060	1.840	46.70	1.130	28.70	0.600	15.20	60	86
KSF185-075A	FS-185075-2	-	-	CK468075	1.840	46.70	1.130	28.70	0.600	15.20	75	107
KSF185-090A	FS-185090-2	-	W185-128A	CK468090	1.840	46.70	1.130	28.70	0.600	15.20	90	128
KSF200-026A	FS-200026-2	-	-	CK508026	2.000	50.80	1.250	31.80	0.530	13.50	26	32
KSF200-060A	FS-200060-2	78716	W200-073A	CK508060	2.000	50.80	1.250	31.80	0.530	13.50	60	73
KSF200-075A	FS-200075-2	-	-	CK508075	2.000	50.80	1.250	31.80	0.530	13.50	75	91
KSF200-090A	FS-200090-2	-	W200-109A	CK508090	2.000	50.80	1.250	31.80	0.530	13.50	90	109
KSF225-026A	FS-225026-2	-	-	CK572026	2.250	57.20	1.400	35.60	0.550	14.00	26	33
KSF225-060A	FS-225060-2	78110	W225-075A	CK572060	2.250	57.20	1.400	35.60	0.550	14.00	60	75
KSF225-075A	FS-225075-2	-	-	CK572075	2.250	57.20	1.400	35.60	0.550	14.00	75	94
KSF225-090A	FS-225090-2	-	W225-112A	CK572090	2.250	57.20	1.400	35.60	0.550	14.00	90	112
KSF226-026A	FS-226026-2	-	-	CK571026	2.250	57.20	1.039	26.40	0.600	15.20	26	60
KSF226-060A	FS-226060-2	78192	W225-138A	CK571060	2.250	57.20	1.039	26.40	0.600	15.20	60	138
KSF226-075A	FS-226075-2	-	-	CK571075	2.250	57.20	1.039	26.40	0.600	15.20	75	175
KSF226-090A	FS-226090-2	-	W225-207A	CK571090	2.250	57.20	1.039	26.40	0.600	15.20	90	207
KSF250-026A	-	-	-	CK610026	2.441	62.00	1.283	32.60	0.984	25.00	26	83
KSF250-060A	-	-	-	CK610060	2.441	62.00	1.283	32.60	0.984	25.00	60	192
KSF250-075A	-	-	-	CK610075	2.441	62.00	1.283	32.60	0.984	25.00	75	240
KSF250-090A	-	-	-	CK610090	2.441	62.00	1.283	32.60	0.984	25.00	90	288
KSF268-026A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	26	62
KSF268-060A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	60	143
KSF268-075A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	75	179
KSF268-090A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	90	214
KSF290-026A	-	-	-	CK740026	2.917	74.10	1.783	45.30	1.378	35.00	26	89
KSF290-060A	-	-	-	CK740060	2.917	74.10	1.783	45.30	1.378	35.00	60	206
KSF290-075A	-	-	-	CK740075	2.917	74.10	1.783	45.30	1.378	35.00	75	257
KSF290-090A	-	-	-	CK740090	2.917	74.10	1.783	45.30	1.378	35.00	90	309
KSF300-026A	FS-300026-2	-	-	CK777026	3.063	77.80	1.938	49.20	0.500	12.70	26	30
KSF300-060A	FS-300060-2	78867	W306-068A	CK777060	3.063	77.80	1.938	49.20	0.500	12.70	60	68
KSF300-075A	FS-300075-2	-	-	CK777075	3.063	77.80	1.938	49.20	0.500	12.70	75	85
KSF300-090A	FS-300090-2	-	W306-102A	CK777090	3.063	77.80	1.938	49.20	0.500	12.70	90	102
KSF301-026A	FS-301026-2	-	-	CK778026	3.063	77.80	1.938	49.20	0.625	15.90	26	37
KSF301-060A	FS-301060-2	78907	W306-085A	CK778060	3.063	77.80	1.938	49.20	0.625	15.90	60	85
KSF301-075A	FS-301075-2	-	-	CK778075	3.063	77.80	1.938	49.20	0.625	15.90	75	107
KSF301-090A	FS-301090-2	-	W306-128A	CK778090	3.063	77.80	1.938	49.20	0.625	15.90	90	128
KSF400-026A	FS-400026-2	-	-	CK1016026	4.000	101.60	2.250	57.15	0.650	16.51	26	48
KSF400-060A	FS-400060-2	-	W400-112A	CK1016060	4.000	101.60	2.250	57.15	0.650	16.51	60	112
KSF400-075A	FS-400075-2	-	-	-	4.000	101.60	2.250	57.15	0.650	16.51	75	137
KSF400-090A	FS-400090-2	-	W400-164A	-	4.000	101.60	2.250	57.15	0.650	16.51	90	164
KSF401-026A	FS-401026-2	-	-	-	4.000	101.60	2.250	57.15	0.535	13.59	26	40
KSF401-060A	FS-401060-2	-	W400-092A	-	4.000	101.60	2.250	57.15	0.535	13.59	60	92
KSF401-075A	FS-401075-2	-	-	-	4.000	101.60	2.250	57.15	0.535	13.59	75	115
KSF401-090A	FS-401090-2	-	W400-139A	-	4.000	101.60	2.250	57.15	0.535	13.59	90	139
KSF520-026A	FS-520026-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	26	54
KSF520-060A	FS-520060-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	60	124
KSF520-075A	FS-520075-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	75	155
KSF520-090A	FS-520090-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	90	187

Cores Cross Reference Table

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KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A_L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KSF521-026A	FS-521026-2	-	-	CK1325026	5.218	132.54	3.094	78.59	1.000	25.40	26	68
KSF521-060A	FS-521060-2	-	-	CK1325060	5.218	132.54	3.094	78.59	1.000	25.40	60	156
KSF521-075A	FS-521075-2	-	-	-	5.218	132.54	3.094	78.59	1.000	25.40	75	195
KSF521-090A	FS-521090-2	-	-	-	5.218	132.54	3.094	78.59	1.000	25.40	90	234
KSF650-026A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	26	151
KSF650-060A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	60	348
KSF650-075A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	75	436
KSF650-125A	-	-	-	-	4.070	103.37	2.355	59.82	0.925	23.50	63	154

Cores Cross Reference Table

High Flux

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A _L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KH025-026A	HF-025026-8	58022	H025-010A	CH063026	0.250	6.35	0.110	2.79	0.110	2.79	26	10
KH025-060A	HF-025060-8	58021	H025-024A	CH063060	0.250	6.35	0.110	2.79	0.110	2.79	60	24
KH025-125A	HF-025125-8	58020	H025-050A	CH063125	0.250	6.35	0.110	2.79	0.110	2.79	125	50
KH026-026A	HF-026026-8	58272	H026-021A	CH067026	0.260	6.60	0.105	2.67	0.188	4.78	26	21
KH026-060A	HF-026060-8	58271	H026-050A	CH067060	0.260	6.60	0.105	2.67	0.188	4.78	60	50
KH026-125A	HF-026125-8	58270	H026-103A	CH067125	0.260	6.60	0.105	2.67	0.188	4.78	125	103
KH027-026A	HF-027026-8	58242	H026-011A	CH066026	0.260	6.60	0.105	2.67	0.100	2.54	26	11
KH027-060A	HF-027060-8	58241	H026-026A	CH066060	0.260	6.60	0.105	2.67	0.100	2.54	60	26
KH027-125A	HF-027125-8	58240	H026-054A	CH066125	0.260	6.60	0.105	2.67	0.100	2.54	125	54
KH031-026A	HF-031026-8	58032	H031-011A	CH078026	0.310	7.87	0.156	3.96	0.125	3.18	26	11
KH031-060A	HF-031060-8	58031	H031-025A	CH078060	0.310	7.87	0.156	3.96	0.125	3.18	60	25
KH031-125A	HF-031125-8	58030	H031-052A	CH078125	0.310	7.87	0.156	3.96	0.125	3.18	125	52
KH038-026A	HF-038026-8	58292	H038-014A	CH097026	0.380	9.65	0.188	4.78	0.156	3.96	26	14
KH038-060A	HF-038060-8	58291	H038-032A	CH097060	0.380	9.65	0.188	4.78	0.156	3.96	60	32
KH038-125A	HF-038125-8	58290	H038-066A	CH097125	0.380	9.65	0.188	4.78	0.156	3.96	125	66
KH039-026A	HF-039026-8	58282	H038-011A	CH096026	0.380	9.65	0.188	4.78	0.125	3.18	26	11
KH039-060A	HF-039060-8	58281	H038-025A	CH096060	0.380	9.65	0.188	4.78	0.125	3.18	60	25
KH039-125A	HF-039125-8	58280	H038-053A	CH096125	0.380	9.65	0.188	4.78	0.125	3.18	125	53
KH040-026A	HF-040026-2	58042	H040-014A	CH102026	0.400	10.20	0.200	5.08	0.156	3.96	26	14
KH040-060A	HF-040060-2	58041	H040-032A	CH102060	0.400	10.20	0.200	5.08	0.156	3.96	60	32
KH040-125A	HF-040125-2	58040	H040-066A	CH102125	0.400	10.20	0.200	5.08	0.156	3.96	125	66
KH044-026A	HF-044026-2	58132	H044-011A	CH112026	0.440	11.20	0.250	6.35	0.156	3.96	26	11
KH044-060A	HF-044060-2	58131	H044-026A	CH112060	0.440	11.20	0.250	6.35	0.156	3.96	60	26
KH044-125A	HF-044125-2	58130	H044-053A	CH112125	0.440	11.20	0.250	6.35	0.156	3.96	125	53
KH050-026A	HF-050026-2	58052	H050-012A	CH127026	0.500	12.70	0.300	7.62	0.187	4.75	26	12
KH050-060A	HF-050060-2	58051	H050-027A	CH127060	0.500	12.70	0.300	7.62	0.187	4.75	60	27
KH050-125A	HF-050125-2	58050	H050-056A	CH127125	0.500	12.70	0.300	7.62	0.187	4.75	125	56
KH065-026A	HF-065026-2	58122	H065-015A	CH166026	0.650	16.50	0.400	10.20	0.250	6.35	26	15
KH065-060A	HF-065060-2	58121	H065-035A	CH166060	0.650	16.50	0.400	10.20	0.250	6.35	60	35
KH065-125A	HF-065125-2	58120	H065-072A	CH166125	0.650	16.50	0.400	10.20	0.250	6.35	125	72
KH068-026A	HF-068026-2	58382	H068-019A	CH172026	0.680	17.30	0.380	9.65	0.250	6.35	26	19
KH068-060A	HF-068060-2	58381	H068-043A	CH172060	0.680	17.30	0.380	9.65	0.250	6.35	60	43
KH068-125A	HF-068125-2	58380	H068-089A	CH172125	0.680	17.30	0.380	9.65	0.250	6.35	125	89
KH080-026A	HF-080026-2	58208	H080-014A	CH203026	0.800	20.30	0.500	12.70	0.250	6.35	26	14
KH080-060A	HF-080060-2	58848	H080-032A	CH203060	0.800	20.30	0.500	12.70	0.250	6.35	60	32
KH080-125A	HF-080125-2	58206	H080-068A	CH203125	0.800	20.30	0.500	12.70	0.250	6.35	125	68
KH090-026A	HF-090026-2	58312	H090-019A	CH229026	0.900	22.90	0.550	14.07	0.300	7.62	26	19
KH090-060A	HF-090060-2	58059	H090-043A	CH229060	0.900	22.90	0.550	14.07	0.300	7.62	60	43
KH090-125A	HF-090125-2	58310	H090-090A	CH229125	0.900	22.90	0.550	14.07	0.300	7.62	125	90
KH092-026A	HF-092026-2	58352	H092-022A	CH234026	0.928	23.60	0.567	14.40	0.350	8.89	26	22
KH092-060A	HF-092060-2	58351	H092-051A	CH234060	0.928	23.60	0.567	14.40	0.350	8.89	60	51
KH092-125A	HF-092125-2	58350	H092-105A	CH234125	0.928	23.60	0.567	14.40	0.350	8.89	125	105
KH106-026A	HF-106026-2	58932	H106-032A	CH270026	1.060	26.90	0.580	14.70	0.440	11.20	26	32
KH106-060A	HF-106060-2	58894	H106-075A	CH270060	1.060	26.90	0.580	14.70	0.440	11.20	60	75
KH106-125A	HF-106125-2	58930	H106-157A	CH270125	1.060	26.90	0.580	14.70	0.440	11.20	125	157
KH107-026A	HF-107026-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	26	22
KH107-060A	HF-107060-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	60	59
KH107-125A	HF-107125-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	125	123

Cores Cross Reference Table

High Flux

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	AL [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KH130-026A	HF-130026-2	58550	H130-028A	CH330026	1.300	33.00	0.785	19.90	0.420	10.70	26	28
KH130-060A	HF-130060-2	58071	H130-061A	CH330060	1.300	33.00	0.785	19.90	0.420	10.70	60	61
KH130-125A	HF-130125-2	58548	H130-127A	CH330125	1.300	33.00	0.785	19.90	0.420	10.70	125	127
KH131-026A	HF-131026-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	26	22
KH131-060A	HF-131060-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	60	51
KH131-125A	HF-131125-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	125	109
KH132-026A	HF-132026-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	26	28
KH132-060A	HF-132060-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	60	65
KH132-125A	HF-132125-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	125	135
KH135-026A	HF-135026-2	58587	H135-016A	CH343026	1.350	34.30	0.920	23.40	0.350	8.89	26	16
KH135-060A	HF-135060-2	58586	H135-038A	CH343060	1.350	34.30	0.920	23.40	0.350	8.89	60	38
KH135-125A	HF-135125-2	58585	H135-079A	CH343125	1.350	34.30	0.920	23.40	0.350	8.89	125	79
KH141-026A	HF-141026-2	58326	H141-024A	CH358026	1.410	35.80	0.880	22.40	0.412	10.50	26	24
KH141-060A	HF-141060-2	58076	H141-056A	CH358060	1.410	35.80	0.880	22.40	0.412	10.50	60	56
KH141-125A	HF-141125-2	58324	H141-117A	CH358125	1.410	35.80	0.880	22.40	0.412	10.50	125	117
KH157-026A	HF-157026-2	58256	H157-035A	CH400026	1.570	39.90	0.950	24.10	0.570	14.50	26	35
KH157-060A	HF-157060-2	58083	H157-081A	CH400060	1.570	39.90	0.950	24.10	0.570	14.50	60	81
KH157-125A	HF-157125-2	58254	H157-168A	CH400125	1.570	39.90	0.950	24.10	0.570	14.50	125	168
KH168-026A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	26	47
KH168-060A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	60	108
KH168-125A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	125	224
KH184-026A	HF-184026-2	58440	H184-059A	CH467026	1.840	46.70	0.950	24.10	0.710	18.00	26	59
KH184-060A	HF-184060-2	58439	H184-135A	CH467060	1.840	46.70	0.950	24.10	0.710	18.00	60	135
KH184-125A	HF-184125-2	58438	H184-281A	CH467125	1.840	46.70	0.950	24.10	0.710	18.00	125	281
KH185-026A	HF-185026-2	58091	H185-037A	CH468026	1.840	46.70	1.130	28.70	0.600	15.20	26	37
KH185-060A	HF-185060-2	58090	H185-086A	CH468060	1.840	46.70	1.130	28.70	0.600	15.20	60	86
KH185-125A	HF-185125-2	58089	H185-178A	CH468125	1.840	46.70	1.130	28.70	0.600	15.20	125	178
KH200-026A	HF-200026-2	58717	H200-032A	CH508026	2.000	50.80	1.250	31.80	0.530	13.50	26	32
KH200-060A	HF-200060-2	58716	H200-073A	CH508060	2.000	50.80	1.250	31.80	0.530	13.50	60	73
KH200-125A	HF-200125-2	58715	H200-152A	CH508125	2.000	50.80	1.250	31.80	0.530	13.50	125	152
KH225-026A	HF-225026-2	58111	H225-033A	CH572026	2.250	57.20	1.400	35.60	0.550	14.00	26	33
KH225-060A	HF-225060-2	58110	H225-075A	CH572060	2.250	57.20	1.400	35.60	0.550	14.00	60	75
KH225-125A	HF-225125-2	58109	H225-156A	CH572125	2.250	57.20	1.400	35.60	0.550	14.00	125	156
KH226-026A	HF-226026-2	58191	H225-060A	CH571026	2.250	57.20	1.039	26.40	0.600	15.20	26	60
KH226-060A	HF-226060-2	58192	H225-138A	CH571060	2.250	57.20	1.039	26.40	0.600	15.20	60	138
KH226-125A	HF-226125-2	58195	H225-287A	CH571125	2.250	57.20	1.039	26.40	0.600	15.20	125	287
KH250-026A	-	58615	-	CH610026	2.441	62.00	1.283	32.60	0.984	25.00	26	83
KH250-060A	-	58617	-	CH610060	2.441	62.00	1.283	32.60	0.984	25.00	60	192
KH250-125A	-	58620	-	CH610125	2.441	62.00	1.283	32.60	0.984	25.00	125	400
KH268-026A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	26	62
KH268-060A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	60	143
KH268-125A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	125	300
KH290-026A	-	58735	-	CH740026	2.917	74.10	1.783	45.30	1.378	35.00	26	89
KH290-060A	-	58737	-	CH740060	2.917	74.10	1.783	45.30	1.378	35.00	60	206
KH290-125A	-	58740	-	CH740125	2.917	74.10	1.783	45.30	1.378	35.00	90	309
KH300-026A	HF-300026-2	58868	H306-030A	CH777026	3.063	77.80	1.938	49.20	0.500	12.70	26	30
KH300-060A	HF-300060-2	58867	H306-068A	CH777060	3.063	77.80	1.938	49.20	0.500	12.70	60	68
KH300-125A	HF-300125-2	58866	H306-142A	CH777125	3.063	77.80	1.938	49.20	0.500	12.70	125	142

Cores Cross Reference Table

High Flux

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	A_L [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KH301-026A	HF-301026-2	58908	H306-037A	CH778026	3.063	77.80	1.938	49.20	0.625	15.90	26	37
KH301-060A	HF-301060-2	58907	H306-085A	CH778060	3.063	77.80	1.938	49.20	0.625	15.90	60	85
KH301-125A	HF-301125-2	58906	H306-178A	CH778125	3.063	77.80	1.938	49.20	0.625	15.90	125	178
KH400-026A	HF-400026-2	58102	H400-047A	CH1016026	4.000	101.60	2.250	57.15	0.650	16.51	26	48
KH400-060A	HF-400060-2	58099	H400-112A	CH1016060	4.000	101.60	2.250	57.15	0.650	16.51	60	112
KH400-125A	HF-400125-2	58098	H400-228A	CH1016125	4.000	101.60	2.250	57.15	0.650	16.51	125	232
KH401-026A	HF-401026-2	-	H400-040A	-	4.000	101.60	2.250	57.15	0.535	13.59	26	40
KH401-060A	HF-401060-2	-	H400-092A	-	4.000	101.60	2.250	57.15	0.535	13.59	60	92
KH401-125A	HF-401125-2	-	H400-192A	-	4.000	101.60	2.250	57.15	0.535	13.59	125	192
KH520-026A	HF-520026-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	26	54
KH520-060A	HF-520060-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	60	124
KH520-125A	HF-520125-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	125	259
KH521-026A	HF-521026-2	58337	-	CH1325026	5.218	132.54	3.094	78.59	1.000	25.40	26	68
KH521-060A	HF-521060-2	58339	-	CH1325060	5.218	132.54	3.094	78.59	1.000	25.40	60	156
KH521-125A	HF-521125-2	58340	-	CH1325125	5.218	132.54	3.094	78.59	1.000	25.40	125	325
KH650-026A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	26	151
KH650-060A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	60	348
KH650-125A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	125	726

Cores Cross Reference Table

MPP

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	AI [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KM025-026A	MP-025026-8	55022	M025-010A	CM063026	0.250	6.35	0.110	2.79	0.110	2.79	26	10
KM025-060A	MP-025060-8	55021	M025-024A	CM063060	0.250	6.35	0.110	2.79	0.110	2.79	60	24
KM025-125A	MP-025125-8	55020	M025-050A	CM063125	0.250	6.35	0.110	2.79	0.110	2.79	125	50
KM026-026A	MP-026026-8	55272	M026-021A	CM067026	0.260	6.60	0.105	2.67	0.188	4.78	26	21
KM026-060A	MP-026060-8	55271	M026-050A	CM067060	0.260	6.60	0.105	2.67	0.188	4.78	60	50
KM026-125A	MP-026125-8	55270	M026-103A	CM067125	0.260	6.60	0.105	2.67	0.188	4.78	125	103
KM027-026A	MP-027026-8	55242	M026-011A	CM066026	0.260	6.60	0.105	2.67	0.100	2.54	26	11
KM027-060A	MP-027060-8	55241	M026-026A	CM066060	0.260	6.60	0.105	2.67	0.100	2.54	60	26
KM027-125A	MP-027125-8	55240	M026-054A	CM066125	0.260	6.60	0.105	2.67	0.100	2.54	125	54
KM031-026A	MP-031026-8	55032	M031-011A	CM078026	0.310	7.87	0.156	3.96	0.125	3.18	26	11
KM031-060A	MP-031060-8	55031	M031-025A	CM078060	0.310	7.87	0.156	3.96	0.125	3.18	60	25
KM031-125A	MP-031125-8	55030	M031-052A	CM078125	0.310	7.87	0.156	3.96	0.125	3.18	125	52
KM038-026A	MP-038026-8	55292	M038-014A	CM097026	0.380	9.65	0.188	4.78	0.156	3.96	26	14
KM038-060A	MP-038060-8	55291	M038-032A	CM097060	0.380	9.65	0.188	4.78	0.156	3.96	60	32
KM038-125A	MP-038125-8	55290	M038-066A	CM097125	0.380	9.65	0.188	4.78	0.156	3.96	125	66
KM039-026A	MP-039026-8	55282	M038-011A	CM096026	0.380	9.65	0.188	4.78	0.125	3.18	26	11
KM039-060A	MP-039060-8	55281	M038-025A	CM096060	0.380	9.65	0.188	4.78	0.125	3.18	60	25
KM039-125A	MP-039125-8	55280	M038-053A	CM096125	0.380	9.65	0.188	4.78	0.125	3.18	125	53
KM040-026A	MP-040026-2	55042	M040-014A	CM102026	0.400	10.20	0.200	5.08	0.156	3.96	26	14
KM040-060A	MP-040060-2	55041	M040-032A	CM102060	0.400	10.20	0.200	5.08	0.156	3.96	60	32
KM040-125A	MP-040125-2	55040	M040-066A	CM102125	0.400	10.20	0.200	5.08	0.156	3.96	125	66
KM044-026A	MP-044026-2	55132	M044-011A	CM112026	0.440	11.20	0.250	6.35	0.156	3.96	26	11
KM044-060A	MP-044060-2	55131	M044-026A	CM112060	0.440	11.20	0.250	6.35	0.156	3.96	60	26
KM044-125A	MP-044125-2	55130	M044-053A	CM112125	0.440	11.20	0.250	6.35	0.156	3.96	125	53
KM050-026A	MP-050026-2	55052	M050-012A	CM127026	0.500	12.70	0.300	7.62	0.187	4.75	26	12
KM050-060A	MP-050060-2	55051	M050-027A	CM127060	0.500	12.70	0.300	7.62	0.187	4.75	60	27
KM050-125A	MP-050125-2	55050	M050-056A	CM127125	0.500	12.70	0.300	7.62	0.187	4.75	125	56
KM065-026A	MP-065026-2	55122	M065-015A	CM166026	0.650	16.50	0.400	10.20	0.250	6.35	26	15
KM065-060A	MP-065060-2	55121	M065-035A	CM166060	0.650	16.50	0.400	10.20	0.250	6.35	60	35
KM065-125A	MP-065125-2	55120	M065-072A	CM166125	0.650	16.50	0.400	10.20	0.250	6.35	125	72
KM068-026A	MP-068026-2	55382	M068-019A	CM172026	0.680	17.30	0.380	9.65	0.250	6.35	26	19
KM068-060A	MP-068060-2	55381	M068-043A	CM172060	0.680	17.30	0.380	9.65	0.250	6.35	60	43
KM068-125A	MP-068125-2	55380	M068-089A	CM172125	0.680	17.30	0.380	9.65	0.250	6.35	125	89
KM080-026A	MP-080026-2	55208	M080-014A	CM203026	0.800	20.30	0.500	12.70	0.250	6.35	26	14
KM080-060A	MP-080060-2	55848	M080-032A	CM203060	0.800	20.30	0.500	12.70	0.250	6.35	60	32
KM080-125A	MP-080125-2	55206	M080-068A	CM203125	0.800	20.30	0.500	12.70	0.250	6.35	125	68
KM090-026A	MP-090026-2	55312	M090-019A	CM229026	0.900	22.90	0.550	14.07	0.300	7.62	26	19
KM090-060A	MP-090060-2	55059	M090-043A	CM229060	0.900	22.90	0.550	14.07	0.300	7.62	60	43
KM090-125A	MP-090125-2	55310	M090-090A	CM229125	0.900	22.90	0.550	14.07	0.300	7.62	125	90
KM092-026A	MP-092026-2	55352	M092-022A	CM234026	0.928	23.60	0.567	14.40	0.350	8.89	26	22
KM092-060A	MP-092060-2	55351	M092-051A	CM234060	0.928	23.60	0.567	14.40	0.350	8.89	60	51
KM092-125A	MP-092125-2	55350	M092-105A	CM234125	0.928	23.60	0.567	14.40	0.350	8.89	125	105
KM106-026A	MP-106026-2	55932	M106-032A	CM270026	1.060	26.90	0.580	14.70	0.440	11.20	26	32
KM106-060A	MP-106060-2	55894	M106-075A	CM270060	1.060	26.90	0.580	14.70	0.440	11.20	60	75
KM106-125A	MP-106125-2	55930	M106-157A	CM270125	1.060	26.90	0.580	14.70	0.440	11.20	125	157
KM107-026A	MP-107026-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	26	22
KM107-060A	MP-107060-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	60	59
KM107-125A	MP-107125-2	-	-	-	1.060	26.90	0.580	14.70	0.340	8.64	125	123



Cores Cross Reference Table

MPP

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	Al [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KM130-026A	MP-130026-2	55550	M130-028A	CM330026	1.300	33.00	0.785	19.90	0.420	10.70	26	28
KM130-060A	MP-130060-2	55071	M130-061A	CM330060	1.300	33.00	0.785	19.90	0.420	10.70	60	61
KM130-125A	MP-130125-2	55548	M130-127A	CM330125	1.300	33.00	0.785	19.90	0.420	10.70	125	127
KM131-026A	MP-131026-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	26	22
KM131-060A	MP-131060-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	60	51
KM131-125A	MP-131125-2	-	-	-	1.300	33.00	0.785	19.90	0.345	8.76	125	109
KM132-026A	MP-132026-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	26	28
KM132-060A	MP-132060-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	60	65
KM132-125A	MP-132125-2	-	-	-	1.300	33.00	0.785	19.90	0.440	11.18	125	135
KM135-026A	MP-135026-2	55587	M135-016A	CM343026	1.350	34.30	0.920	23.40	0.350	8.89	26	16
KM135-060A	MP-135060-2	55586	M135-038A	CM343060	1.350	34.30	0.920	23.40	0.350	8.89	60	38
KM135-125A	MP-135125-2	55585	M135-079A	CM343125	1.350	34.30	0.920	23.40	0.350	8.89	125	79
KM141-026A	MP-141026-2	55326	M141-024A	CM358026	1.410	35.80	0.880	22.40	0.412	10.50	26	24
KM141-060A	MP-141060-2	55076	M141-056A	CM358060	1.410	35.80	0.880	22.40	0.412	10.50	60	56
KM141-125A	MP-141125-2	55324	M141-117A	CM358125	1.410	35.80	0.880	22.40	0.412	10.50	125	117
KM157-026A	MP-157026-2	55256	M157-035A	CM400026	1.570	39.90	0.950	24.10	0.570	14.50	26	35
KM157-060A	MP-157060-2	55083	M157-081A	CM400060	1.570	39.90	0.950	24.10	0.570	14.50	60	81
KM157-125A	MP-157125-2	55254	M157-168A	CM400125	1.570	39.90	0.950	24.10	0.570	14.50	125	168
KM168-026A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	26	47
KM168-060A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	60	108
KM168-125A	-	-	-	-	1.689	42.90	0.953	24.20	0.640	16.26	125	224
KM184-026A	MP-184026-2	55440	M184-059A	CM467026	1.840	46.70	0.950	24.10	0.710	18.00	26	59
KM184-060A	MP-184060-2	55439	M184-135A	CM467060	1.840	46.70	0.950	24.10	0.710	18.00	60	135
KM184-125A	MP-184125-2	55438	M184-281A	CM467125	1.840	46.70	0.950	24.10	0.710	18.00	125	281
KM185-026A	MP-185026-2	55091	M185-037A	CM468026	1.840	46.70	1.130	28.70	0.600	15.20	26	37
KM185-060A	MP-185060-2	55090	M185-086A	CM468060	1.840	46.70	1.130	28.70	0.600	15.20	60	86
KM185-125A	MP-185125-2	55089	M185-178A	CM468125	1.840	46.70	1.130	28.70	0.600	15.20	125	178
KM200-026A	MP-200026-2	55717	M200-032A	CM508026	2.000	50.80	1.250	31.80	0.530	13.50	26	32
KM200-060A	MP-200060-2	55716	M200-073A	CM508060	2.000	50.80	1.250	31.80	0.530	13.50	60	73
KM200-125A	MP-200125-2	55715	M200-152A	CM508125	2.000	50.80	1.250	31.80	0.530	13.50	125	152
KM225-026A	MP-225026-2	55111	M225-033A	CM572026	2.250	57.20	1.400	35.60	0.550	14.00	26	33
KM225-060A	MP-225060-2	55110	M225-075A	CM572060	2.250	57.20	1.400	35.60	0.550	14.00	60	75
KM225-125A	MP-225125-2	55109	M225-156A	CM572125	2.250	57.20	1.400	35.60	0.550	14.00	125	156
KM226-026A	MP-226026-2	55191	M225-060A	CM571026	2.250	57.20	1.039	26.40	0.600	15.20	26	60
KM226-060A	MP-226060-2	55192	M225-138A	CM571060	2.250	57.20	1.039	26.40	0.600	15.20	60	138
KM226-125A	MP-226125-2	55195	M225-287A	CM571125	2.250	57.20	1.039	26.40	0.600	15.20	125	287
KM250-026A	-	55615	-	CM610026	2.441	62.00	1.283	32.60	0.984	25.00	26	83
KM250-060A	-	55617	-	CM610060	2.441	62.00	1.283	32.60	0.984	25.00	60	192
KM250-125A	-	55620	-	CM610125	2.441	62.00	1.283	32.60	0.984	25.00	125	400
KM268-026A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	26	62
KM268-060A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	60	143
KM268-125A	-	-	-	-	2.680	68.00	1.417	36.00	0.787	20.00	125	300
KM290-026A	-	55735	-	CM740026	2.917	74.10	1.783	45.30	1.378	35.00	26	89
KM290-060A	-	55737	-	CM740060	2.917	74.10	1.783	45.30	1.378	35.00	60	206
KM290-125A	-	55740	-	CM740125	2.917	74.10	1.783	45.30	1.378	35.00	90	309
KM300-026A	MP-300026-2	55868	M306-030A	CM777026	3.063	77.80	1.938	49.20	0.500	12.70	26	30
KM300-060A	MP-300060-2	55867	M306-068A	CM777060	3.063	77.80	1.938	49.20	0.500	12.70	60	68
KM300-125A	MP-300125-2	55866	M306-142A	CM777125	3.063	77.80	1.938	49.20	0.500	12.70	125	142



Cores Cross Reference Table

MPP

KDM Part No.	Arnold Part No.	Mag-Inc Part No.	Dongbu Part No.	CSC Part No.	OD		ID		HT		Perm [μ]	AL [nH/N ²]
					Inch	mm	Inch	mm	Inch	mm		
KM301-026A	MP-301026-2	55908	M306-037A	CM778026	3.063	77.80	1.938	49.20	0.625	15.90	26	37
KM301-060A	MP-301060-2	55907	M306-085A	CM778060	3.063	77.80	1.938	49.20	0.625	15.90	60	85
KM301-125A	MP-301125-2	55906	M306-178A	CM778125	3.063	77.80	1.938	49.20	0.625	15.90	125	178
KM400-026A	MP-400026-2	55102	M400-047A	CM1016026	4.000	101.60	2.250	57.15	0.650	16.51	26	48
KM400-060A	MP-400060-2	55099	M400-112A	CM1016060	4.000	101.60	2.250	57.15	0.650	16.51	60	112
KM400-125A	MP-400125-2	55098	M400-228A	CM1016125	4.000	101.60	2.250	57.15	0.650	16.51	125	232
KM401-026A	MP-401026-2	-	M400-040A	-	4.000	101.60	2.250	57.15	0.535	13.59	26	40
KM401-060A	MP-401060-2	-	M400-092A	-	4.000	101.60	2.250	57.15	0.535	13.59	60	92
KM401-125A	MP-401125-2	-	M400-192A	-	4.000	101.60	2.250	57.15	0.535	13.59	125	192
KM520-026A	MP-520026-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	26	54
KM520-060A	MP-520060-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	60	124
KM520-125A	MP-520125-2	-	-	-	5.218	132.54	3.094	78.59	0.800	20.32	125	259
KM521-026A	MP-521026-2	55337	-	CM1325026	5.218	132.54	3.094	78.59	1.000	25.40	26	68
KM521-060A	MP-521060-2	55339	-	CM1325060	5.218	132.54	3.094	78.59	1.000	25.40	60	156
KM521-125A	MP-521125-2	55340	-	CM1325125	5.218	132.54	3.094	78.59	1.000	25.40	125	325
KM650-026A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	26	151
KM650-060A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	60	348
KM650-125A	-	-	-	-	6.500	165.10	3.500	88.90	2.000	50.80	125	726

Wire Table

AWG Wire No.	Bare Area		Resistivity $10^{-8} \Omega \text{ cm}$ at 20°C	Heavy Synthetics				Current Capacity Amps (listed by columns of amps/cm²)								
				Area		Diameter										
	cm^2 $(\times 10^{-4})$	Cir-Mil		$\text{cm}^2 (\times 10^{-4})$	Cir-Mil	cm	inch									
10	53.61	10384	32.70	55.9	11046	0.267	0.1051	0.468	10.4	20.8	31.2	41.6				
11	41.68	8226	41.37	44.5	8798	0.238	0.0938	0.3750	8.23	16.4	24.6	32.8				
12	33.08	6529	52.09	35.64	7022	0.213	0.0838	0.2977	6.53	13.06	19.6	26.1				
13	26.26	5184	65.64	28.36	5610	0.190	0.0749	0.2367	5.18	10.4	15.5	20.8				
14	20.82	4109	28.80	22.95	4556	0.171	0.0675	0.1879	4.11	8.22	12.3	16.4				
15	16.51	3260	104.3	18.37	3624	0.153	0.0602	0.1492	3.26	6.52	9.78	13.0				
16	13.07	2581	131.8	14.73	2905	0.137	0.0539	0.1184	2.58	5.16	7.74	10.3				
17	10.39	2052	165.8	11.68	2323	0.122	0.0482	0.0943	2.05	4.10	6.15	8.20				
18	8.228	1624	209.5	9.326	1857	0.109	0.0431	0.07472	1.62	3.25	4.88	6.50				
19	6.531	1289	263.9	7.539	1490	0.0980	0.0386	0.05940	1.29	2.58	3.87	5.16				
20	5.188	1024	332.3	6.065	1197	0.0879	0.0346	0.04726	1.02	2.05	3.08	4.10				
21	4.116	812.3	418.9	4.837	954.8	0.0785	0.0309	0.03757	0.812	1.63	2.44	3.25				
22	3.243	640.1	531.4	3.857	761.7	0.0701	0.0276	0.02965	0.640	1.28	1.92	2.56				
23	2.588	510.8	666.0	3.135	620.0	0.0632	0.0249	0.02372	0.511	1.02	1.53	2.04				
24	2.047	404.0	842.1	2.514	497.3	0.0566	0.0223	0.01884	0.404	0.808	1.21	1.62				
25	1.623	320.4	1062.0	2.002	396.0	0.0505	0.0199	0.01498	0.320	0.641	0.962	1.28				
26	1.280	252.8	1345.0	1.603	316.8	0.0452	0.0178	0.01185	0.253	0.506	0.759	1.01				
27	10.21	201.6	1687.6	1.313	259.2	0.0409	0.0161	0.00945	0.202	0.403	0.604	0.806				
28	0.8046	158.8	2142.7	1.0515	207.3	0.0366	0.0144	0.00747	0.159	0.318	0.477	0.636				
29	0.6470	127.7	2664.3	0.8548	169.0	0.0330	0.0130	0.00602	0.128	0.255	0.382	0.510				
30	0.5067	100.0	3402.2	0.6785	134.5	0.0294	0.0116	0.00472	0.100	0.200	0.300	0.400				
31	0.4013	79.21	4294.6	0.5595	110.2	0.0267	0.0105	0.00372	0.0792	0.158	0.237	0.316				
32	0.3242	64.00	5314.9	0.4559	90.25	0.0241	0.0095	0.00305	0.0640	0.128	0.192	0.252				
33	0.2554	50.41	6748.6	0.3662	72.25	0.0216	0.0085	0.00214	0.0504	0.101	0.152	0.202				
34	0.2011	39.69	8572.8	0.2863	56.25	0.0191	0.0075	0.00189	0.0397	0.0794	0.119	0.159				
35	0.1589	31.36	10849	0.2268	44.89	0.0170	0.0067	0.00150	0.0314	0.0627	0.0940	0.125				
36	0.1266	25.00	13608	0.1813	36.00	0.0152	0.0060	0.00119	0.0250	0.0500	0.0750	0.100				
37	0.1026	20.25	16801	0.1538	30.25	0.0140	0.0055	0.000977	0.0203	0.0405	0.0608	0.0810				
38	0.08107	16.00	21266	0.1207	24.01	0.0124	0.0049	0.000773	0.0160	0.0320	0.0480	0.0640				
39	0.06207	12.25	27775	0.0932	18.49	0.0109	0.0043	0.000593	0.0123	0.0245	0.0368	0.0490				
40	0.04869	9.61	35400	0.0723	14.44	0.0096	0.0038	0.000464	0.00961	0.0192	0.0288	0.0384				
41	0.03972	7.84	43405	0.0584	11.56	0.00863	0.0034	0.000379	0.00785	0.0157	0.0236	0.0314				
42	0.03166	6.25	54429	0.04558	9.00	0.00762	0.0030	0.000299	0.00625	0.0125	0.0188	0.0250				
43	0.02452	4.84	70308	0.03683	7.29	0.00685	0.0027	0.000233	0.00484	0.00968	0.0145	0.0194				
44	0.0202	4.00	85072	0.03165	6.25	0.00635	0.0025	0.000195	0.00400	0.00800	0.0120	0.0160				

