

NEW MATERIALS

HS CORES

KS CORES

KH CORES

HP CORES

Fine Flux CORES

TOLERANCE OF AL VALUE

Core Size	HS, KS, KH, HP, CF
OD035 ~ OD095	NA
OD036 ~ OD778	±8
OD1013 ~ OD1625	±8

HS CORES

HS cores have good DCB characteristics and lower core losses than Sendust cores. They provide an economic solution for applications requiring high efficiency including high power desktop PCs, Server PCs, automotive parts, and solar power parts. They can be a good alternative to Amorphous cores, and also present excellent thermal properties without any thermal aging effects found in other soft magnetic powder cores.

KS CORES

The range of permeability for KS cores is relatively low, 26u~60u, but the 14,000 gauss saturation level allows them to exhibit similar DCB characteristics to High Flux cores. KS cores can be widely used for solar inverters, because they are economic and have a great level of efficiency. They have especially come into the spotlight for large capacity solar inverters. Recently, KS cores have been used in the automobile electricity fields.

KH CORES

The range of permeability for KH cores is 26u~90u. The 15,000 gauss saturation level of KH cores exhibits similar DCB characteristics to High Flux cores, which exhibit the best DCB characteristics among existing materials including Sendust, MPP, and Mega Flux cores. They also have lower losses than Fe-Si based permalloy cores as well as greater frequency characteristics that allow them to be used at a higher frequency. Since KH cores have greater DCB characteristics and a low level of loss, they are most suitable for UPS and ESS applications and other industrial uses.

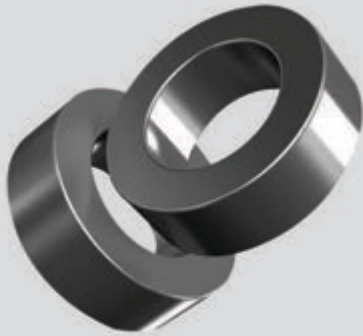
HP CORES

Near-zero magnetostriction makes HP Cores ideal for eliminating audible noise in inductors. Especially, the core losses of HP 19u and 26u are significantly lower than any other material, even lower than MPP. HP cores with 19u and 26u offer good solutions for applications requiring high efficiency such as UPS, ESS and similar industrial uses. HP Cores will be an effective solution for the application which require high efficiency such as Server PC of Titanium level. They can be a good alternative to Amorphous cores, and also present excellent thermal properties without any thermal aging effects found in other soft magnetic powder cores.

FINE FLUX CORES

CSC releases new Fine Flux (CF series) powder core which have higher DCB characteristics and similar core losses compare to SENDUST cores. High permeability Fine Flux core 40 μ , 60 μ will be economic solution for the application which require high efficiency such as high power desktop PC, Server PC, Automotive, Solar power. Fine Flux cores with low permeability below 26 μ are applied to various large current application where lower losses and excellent DC bias characteristics are critical. They are applied to various applications such as UPS, ESS and other industrial area.

HS TOROIDAL CORES



Features

- Low core loss at high current
- Good DC Bias characteristics
- Economical price

Applications

- Desktop PCs, Server PCs
- Automotive parts, solar power parts
- UPS and ESS



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			060μ	075μ	090μ
HS096	9.65	4.78	3.18	10.29	4.27	3.81	2.18	0.0752	25	32	38
HS097	9.65	4.78	3.96	10.29	4.27	4.57	2.18	0.0945	32	40	48
HS102	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.1000	32	40	48
HS112	11.18	6.35	3.96	11.90	5.89	4.72	2.69	0.0906	26	32	38
HS127	12.70	7.62	4.75	13.46	6.99	5.51	3.12	0.114	27	34	40
HS166	16.51	10.16	6.35	17.4	9.53	7.11	4.11	0.192	35	43	52
HS172	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	43	53	64
HS203	20.32	12.7	6.35	21.1	12.07	7.11	5.09	0.226	32	41	49
HS229	22.86	13.97	7.62	23.62	13.39	8.38	5.67	0.331	43	54	65
HS234	23.57	14.4	8.89	24.3	13.77	9.7	5.88	0.388	51	63	76
HS270	26.92	14.73	11.18	27.7	14.1	11.99	6.35	0.654	75	94	113
HS330	33.02	19.94	10.67	33.83	19.3	11.61	8.15	0.672	61	76	91
HS343	34.29	23.37	8.89	35.2	22.6	9.83	8.95	0.454	38	47	57
HS358	35.81	22.35	10.46	36.7	21.5	11.28	8.98	0.678	56	70	84
HS400	39.88	24.13	14.48	40.7	23.3	15.37	9.84	1.072	81	101	121
HS467	46.74	24.13	18.03	47.6	23.3	18.92	10.74	1.99	135	169	202
HS468	46.74	28.7	15.24	47.6	27.9	16.13	11.63	1.34	86	107	128
HS508	50.8	31.75	13.46	51.7	30.9	14.35	12.73	1.25	73	91	109
HS571	57.15	26.39	15.24	58	25.6	16.1	12.5	2.29	138	172	206
HS572	57.15	35.56	13.97	58	34.7	14.86	14.3	1.444	75	94	112
HS610	62	32.6	25	63.1	31.37	26.27	14.37	3.675	192	240	288
HS740	74.1	45.3	35	75.2	44.07	36.27	18.38	5.04	206	257	309
HS777	77.8	49.23	12.7	78.9	48	13.97	20	1.77	68	85	102
HS778	77.8	49.23	15.9	78.9	48	17.02	20	2.27	85	107	128

HS BIG TOROIDAL CORES



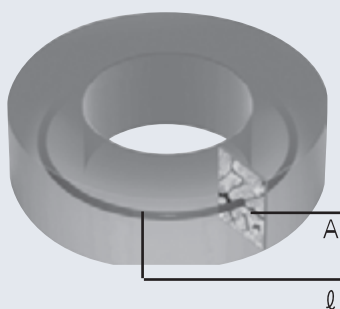
Features

- Excellent DC bias characteristics
- Low core losses
- Large energy storage capacity
- Good temperature stability

Applications

- Power factor correction(PFC) circuits
- Powder inductors for large currents
- AC Reactors for inverters

■ Product Identification



HS

1013

060

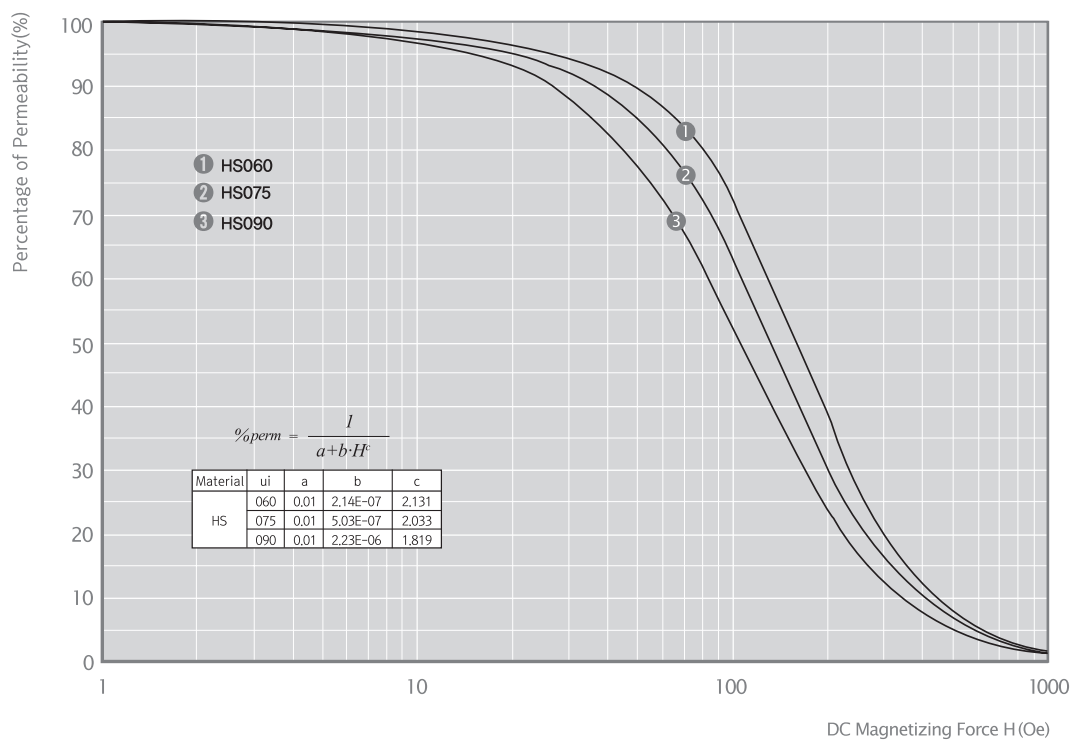
Permeability : 60 μ Available Perm : 60 μ

Core Size

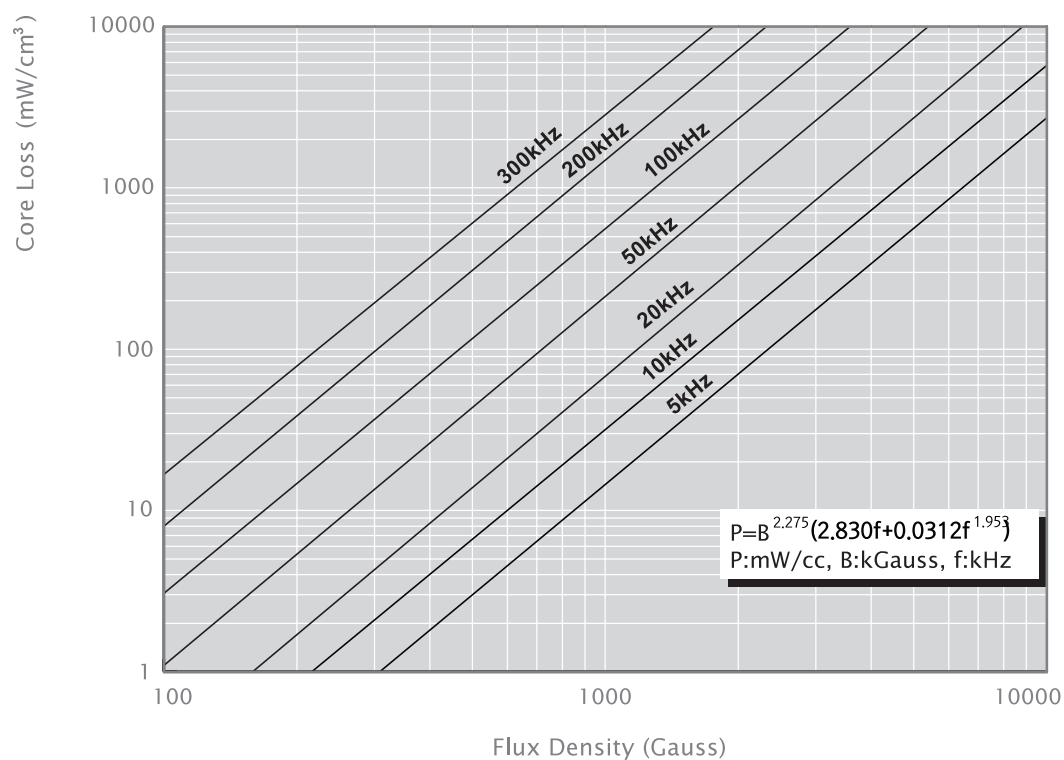
HS Core

PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm ²)	AL value (nH/N ²) \pm 8%
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			060 μ
HS1013	101.6	57.2	13.6	103.1	55.7	14.9	24.27	2.972	92
HS1016	101.6	57.2	16.5	103.1	55.7	17.8	24.27	3.522	112
HS1027	101.6	57.2	27.2	103.1	55.7	28.5	24.27	5.944	184
HS1033	101.6	57.2	33.0	103.1	55.7	34.3	24.27	7.044	224
HS1320	132.5	78.6	20.3	134.2	77.0	21.7	32.42	5.347	124
HS1325	132.5	78.6	25.4	134.2	77.0	26.8	32.42	6.710	156
HS1333	132.5	78.6	33.0	134.2	77.0	34.4	32.42	8.717	202
HS1340	132.5	78.6	40.6	134.2	77.0	42.0	32.42	10.694	248
HS1625	165.0	88.9	25.4	167.2	86.9	27.3	38.65	9.460	184

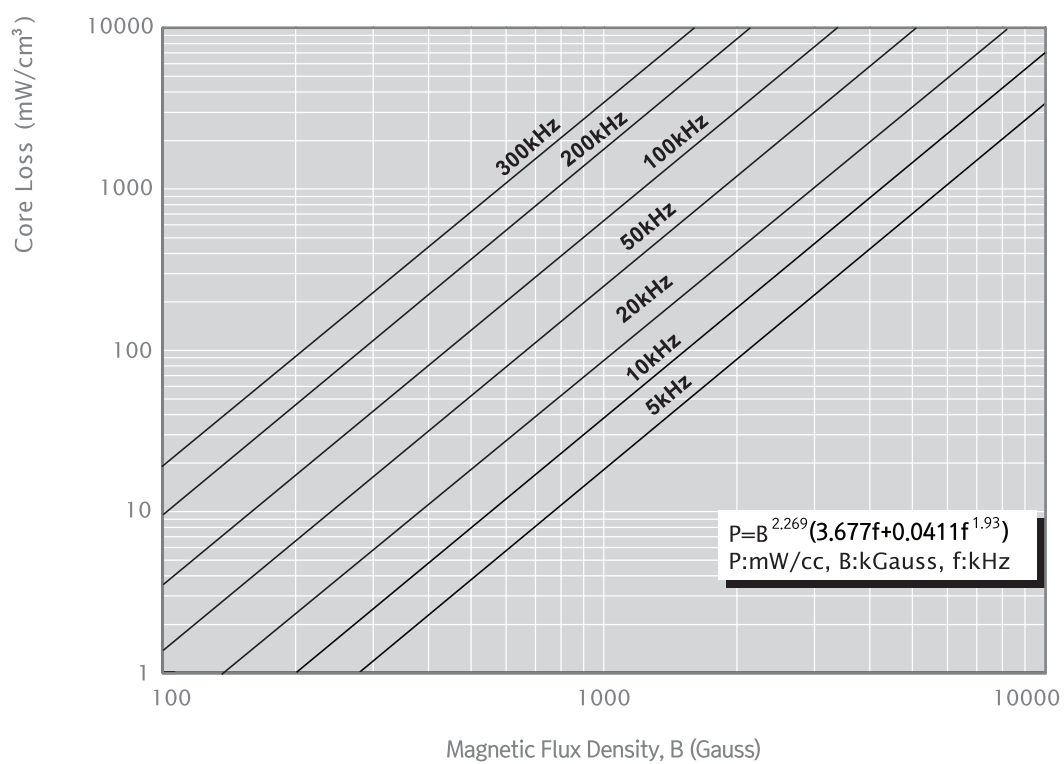
HS Permeability vs DC Bias Curves



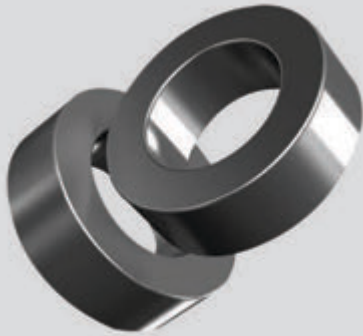
HS Core Loss 60μ



■ HS Core Loss 75u, 90u



KS TOROIDAL CORES



Features

- Low core loss at high current
- Good DC Bias characteristics
- Economical price

Applications

- Desktop PCs, Server PCs
- Automotive parts, solar power parts
- UPS and ESS



PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm ²)	AL value (nH/N ²)		
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			026μ	040μ	060μ
KS096	9.65	4.78	3.18	10.29	4.27	3.81	2.18	0.0752	11	17	25
KS097	9.65	4.78	3.96	10.29	4.27	4.57	2.18	0.0945	14	21	32
KS102	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.1000	14	21	32
KS112	11.18	6.35	3.96	11.90	5.89	4.72	2.69	0.0906	11	17	26
KS127	12.70	7.62	4.75	13.46	6.99	5.51	3.12	0.114	12	18	27
KS166	16.51	10.16	6.35	17.4	9.53	7.11	4.11	0.192	15	23	35
KS172	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	19	29	43
KS203	20.32	12.7	6.35	21.1	12.07	7.11	5.09	0.226	14	21	32
KS229	22.86	13.97	7.62	23.62	13.39	8.38	5.67	0.331	19	29	43
KS234	23.57	14.4	8.89	24.3	13.77	9.7	5.88	0.388	22	34	51
KS270	26.92	14.73	11.18	27.7	14.1	11.99	6.35	0.654	32	50	75
KS330	33.02	19.94	10.67	33.83	19.3	11.61	8.15	0.672	28	41	61
KS343	34.29	23.37	8.89	35.2	22.6	9.83	8.95	0.454	16	25	38
KS358	35.81	22.35	10.46	36.7	21.5	11.28	8.98	0.678	24	37	56
KS400	39.88	24.13	14.48	40.7	23.3	15.37	9.84	1.072	35	54	81
KS467	46.74	24.13	18.03	47.6	23.3	18.92	10.74	1.99	59	90	135
KS468	46.74	28.7	15.24	47.6	27.9	16.13	11.63	1.34	37	57	86
KS508	50.8	31.75	13.46	51.7	30.9	14.35	12.73	1.25	32	49	73
KS571	57.15	26.39	15.24	58	25.6	16.1	12.5	2.29	60	92	138
KS572	57.15	35.56	13.97	58	34.7	14.86	14.3	1.444	33	50	75
KS610	62	32.6	25	63.1	31.37	26.27	14.37	3.675	83	128	192
KS740	74.1	45.3	35	75.2	44.07	36.27	18.38	5.04	89	137	206
KS777	77.8	49.23	12.7	78.9	48	13.97	20.00	1.77	30	45	68
KS778	77.8	49.23	15.9	78.9	48	17.02	20.00	2.27	37	57	85
KS888	88.9	66	15.9	90	64.74	17.2	24.01	1.830	24	38	57

KS BIG TOROIDAL CORES



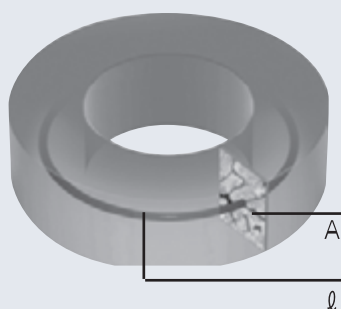
Features

- Excellent DC bias characteristics
- Low core losses
- Large energy storage capacity
- Good temperature stability

Applications

- Power factor correction(PFC) circuits
- Powder inductors for large currents
- AC Reactors for inverters

■ Product Identification



KS

1013

060

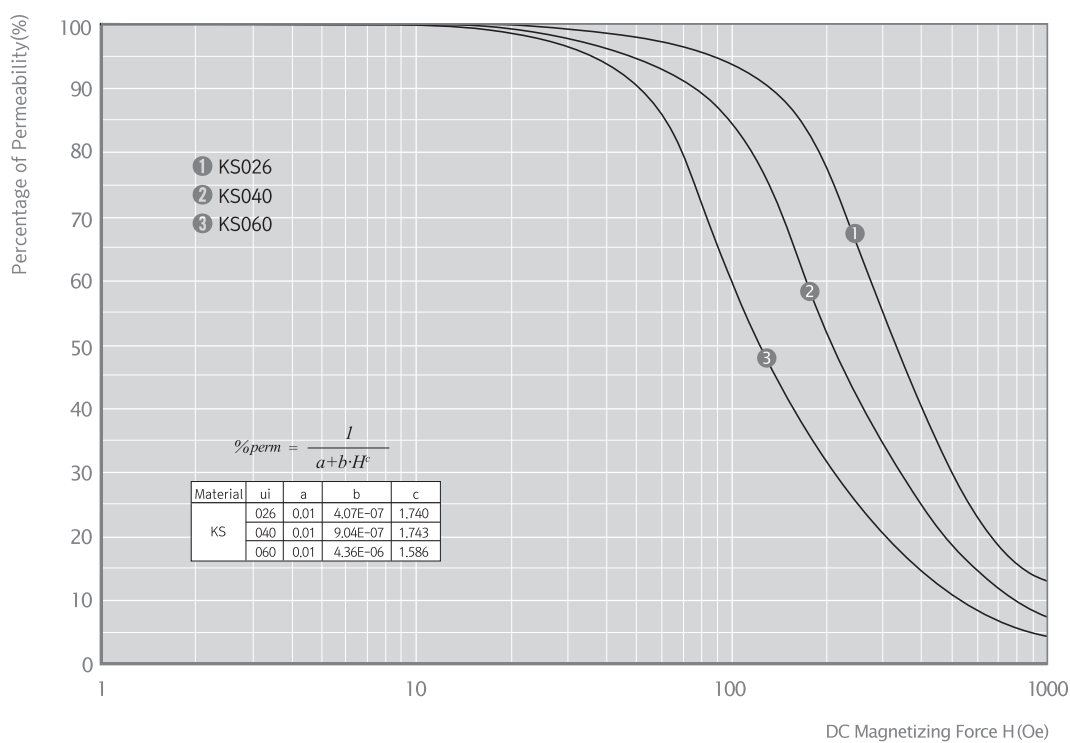
Permeability : 60μ Available Perm : 26, 40, 60μ

Core Size

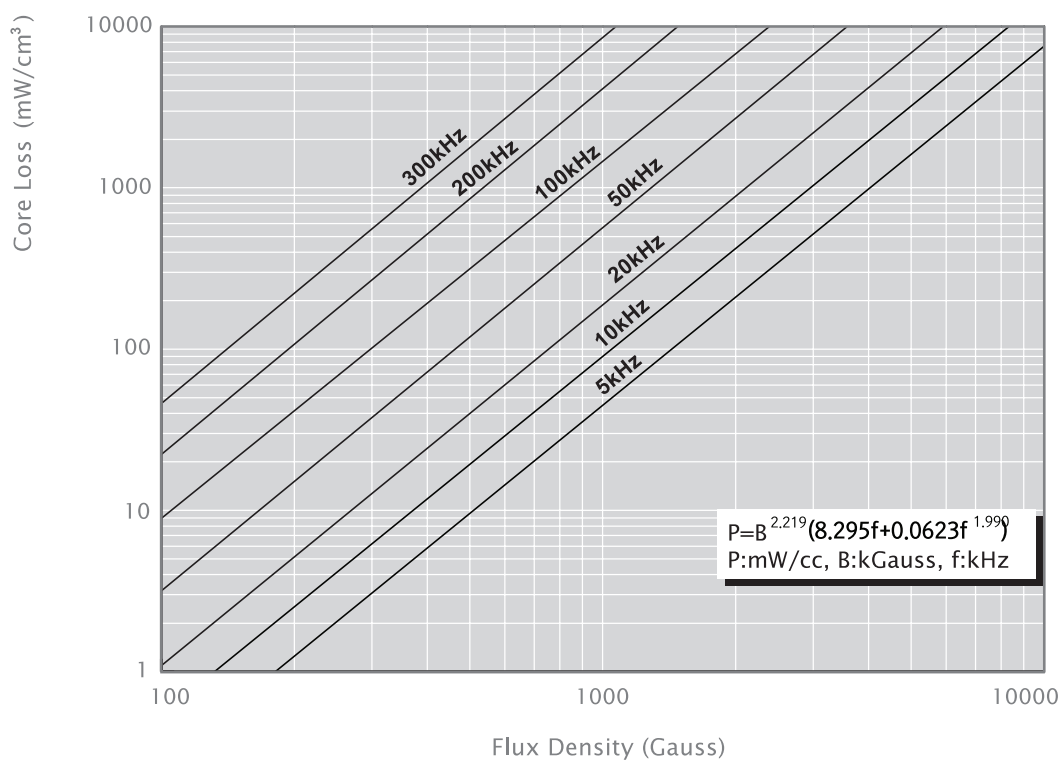
KS Core

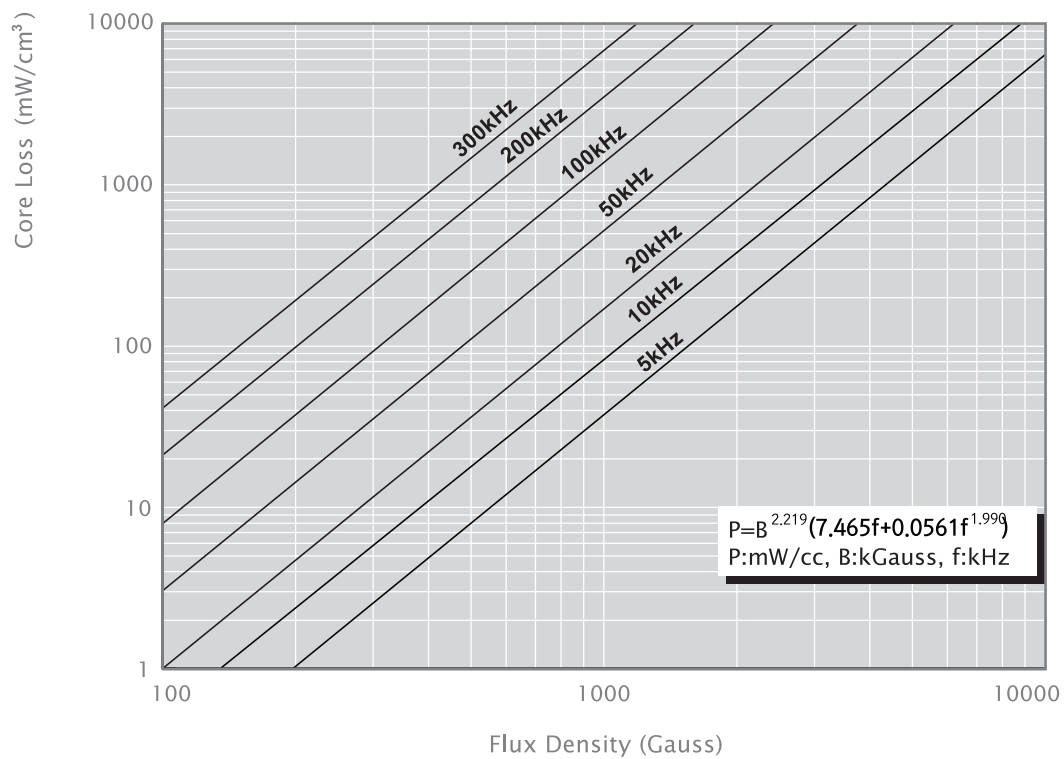
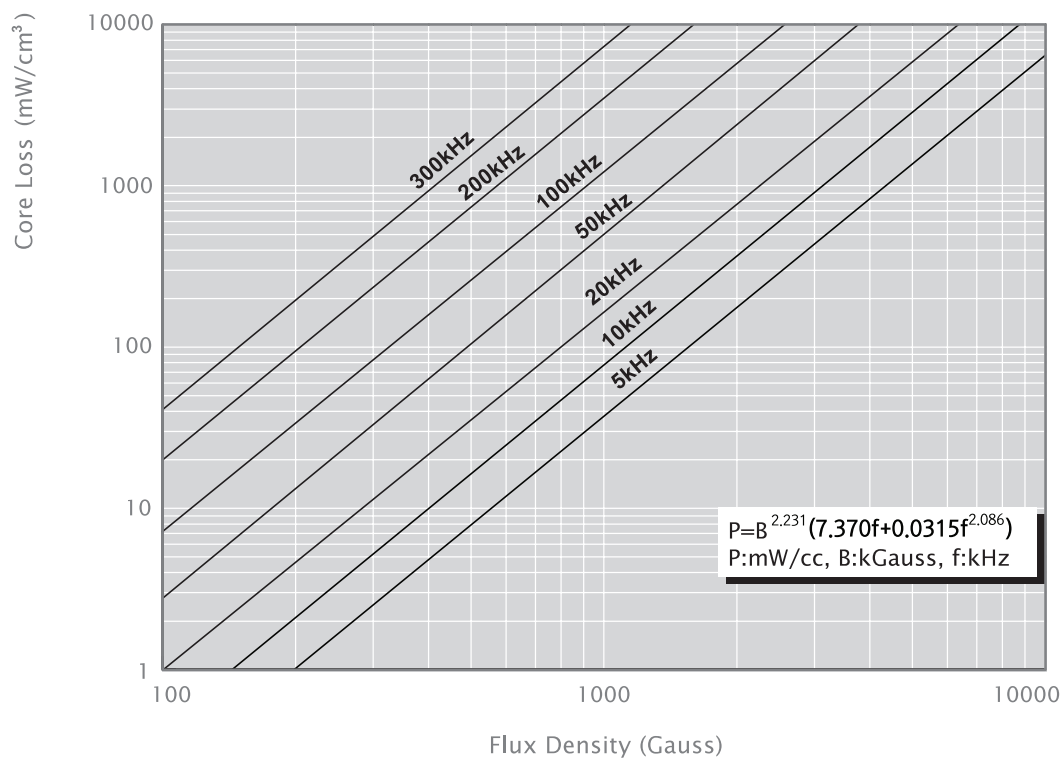
PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm ²)	AL value (nH/N ²)		
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			026μ	040μ	060μ
KS1013	101.6	57.2	13.6	103.1	55.7	14.9	24.27	2.972	40	61	92
KS1016	101.6	57.2	16.5	103.1	55.7	17.8	24.27	3.522	48	75	112
KS1027	101.6	57.2	27.2	103.1	55.7	28.5	24.27	5.944	80	123	184
KS1033	101.6	57.2	33.0	103.1	55.7	34.3	24.27	7.044	96	149	224
KS1320	132.5	78.6	20.3	134.2	77.0	21.7	32.42	5.347	54	83	124
KS1325	132.5	78.6	25.4	134.2	77.0	26.8	32.42	6.710	68	104	156
KS1333	132.5	78.6	33.0	134.2	77.0	34.4	32.42	8.717	88	135	202
KS1340	132.5	78.6	40.6	134.2	77.0	42.0	32.42	10.694	108	165	248
KS1625	165.0	88.9	25.4	167.2	86.9	27.3	38.65	9.460	80	123	184

KS Permeability vs DC Bias Curves

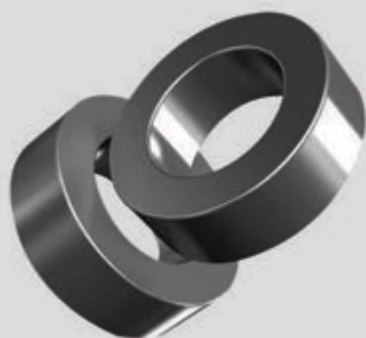


KS Core loss -26μ



■ KS Core Loss 40μ**■ KS Core Loss 60μ**

KH TOROIDAL CORES



Features

- Low Core loss
- Good DC Bias characteristics
- Economical price

Applications

- Desktop PCs, Server PCs
- Automotive parts, solar power parts
- UPS and ESS



PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm ²)	AL value (nH/N ²)			
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			026μ	040μ	060μ	090μ
KH096	9.65	4.78	3.18	10.29	4.27	3.81	2.18	0.0752	11	17	25	38
KH097	9.65	4.78	3.96	10.29	4.27	4.57	2.18	0.0945	14	21	32	48
KH102	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.1000	14	21	32	48
KH112	11.18	6.35	3.96	11.90	5.89	4.72	2.69	0.0906	11	17	26	39
KH127	12.70	7.62	4.75	13.46	6.99	5.51	3.12	0.114	12	18	27	41
KH166	16.51	10.16	6.35	17.4	9.53	7.11	4.11	0.192	15	23	35	53
KH172	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	19	29	43	65
KH203	20.32	12.7	6.35	21.1	12.07	7.11	5.09	0.226	14	21	32	48
KH229	22.86	13.97	7.62	23.62	13.39	8.38	5.67	0.331	19	29	43	65
KH234	23.57	14.4	8.89	24.3	13.77	9.7	5.88	0.388	22	34	51	77
KH270	26.92	14.73	11.18	27.7	14.1	11.99	6.35	0.654	32	50	75	113
KH330	33.02	19.94	10.67	33.83	19.3	11.61	8.15	0.672	28	41	61	92
KH343	34.29	23.37	8.89	35.2	22.6	9.83	8.95	0.454	16	25	38	57
KH358	35.81	22.35	10.46	36.7	21.5	11.28	8.98	0.678	24	37	56	84
KH400	39.88	24.13	14.48	40.7	23.3	15.37	9.84	1.072	35	54	81	122
KH467	46.74	24.13	18.03	47.6	23.3	18.92	10.74	1.99	59	90	135	203
KH468	46.74	28.7	15.24	47.6	27.9	16.13	11.63	1.34	37	57	86	129
KH508	50.8	31.75	13.46	51.7	30.9	14.35	12.73	1.25	32	49	73	110
KH571	57.15	26.39	15.24	58	25.6	16.1	12.5	2.29	60	92	138	207
KH572	57.15	35.56	13.97	58	34.7	14.86	14.3	1.444	33	50	75	113
KH610	62	32.6	25	63.1	31.37	26.27	14.37	3.675	83	128	192	288
KH740	74.1	45.3	35	75.2	44.07	36.27	18.38	5.04	89	137	206	309
KH777	77.8	49.23	12.7	78.9	48	13.97	20.00	1.77	30	45	68	102
KH778	77.8	49.23	15.9	78.9	48	17.02	20.00	2.27	37	57	85	128
KH888	88.9	66	15.9	90	64.74	17.2	24.01	1.830	24	38	57	86

KH BIG TOROIDAL CORES



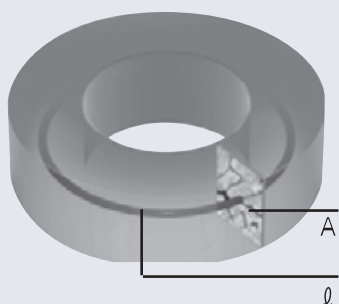
Features

- Excellent DC bias characteristics
- Low core losses
- Large energy storage capacity
- Good temperature stability

Applications

- Power factor correction(PFC) circuits
- Powder inductors for large currents
- AC Reactors for inverters

■ Product Identification



KH

1013

060

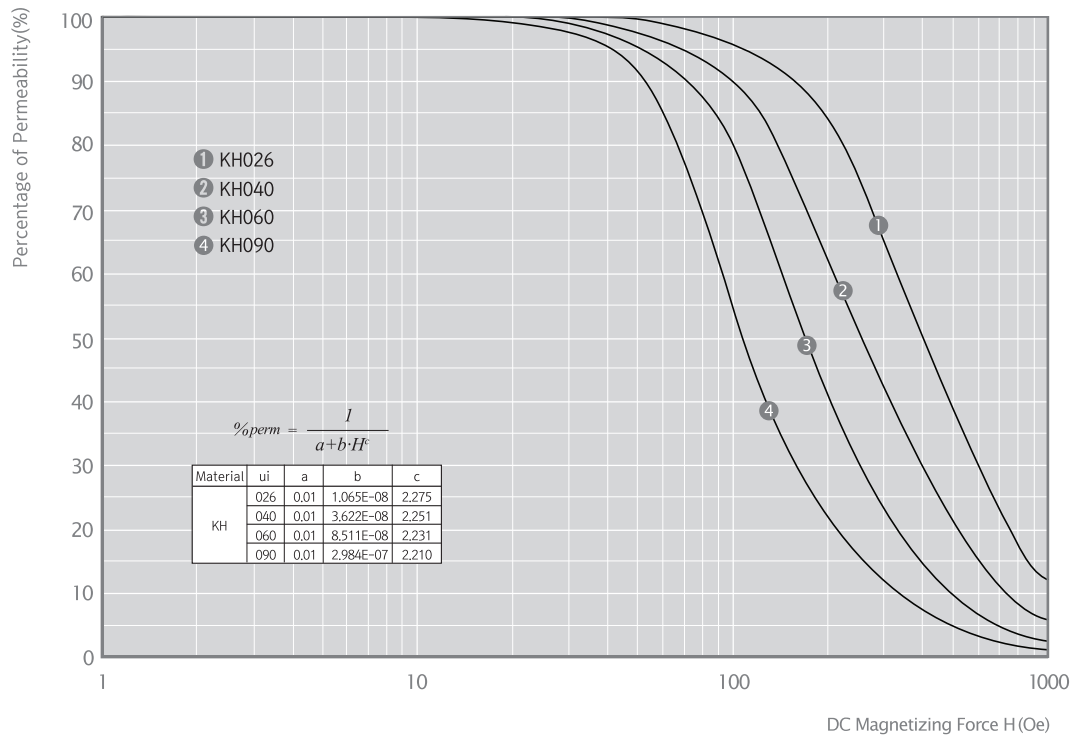
Permeability : 60 μ Available Perm : 26, 40, 60 μ

Core Size

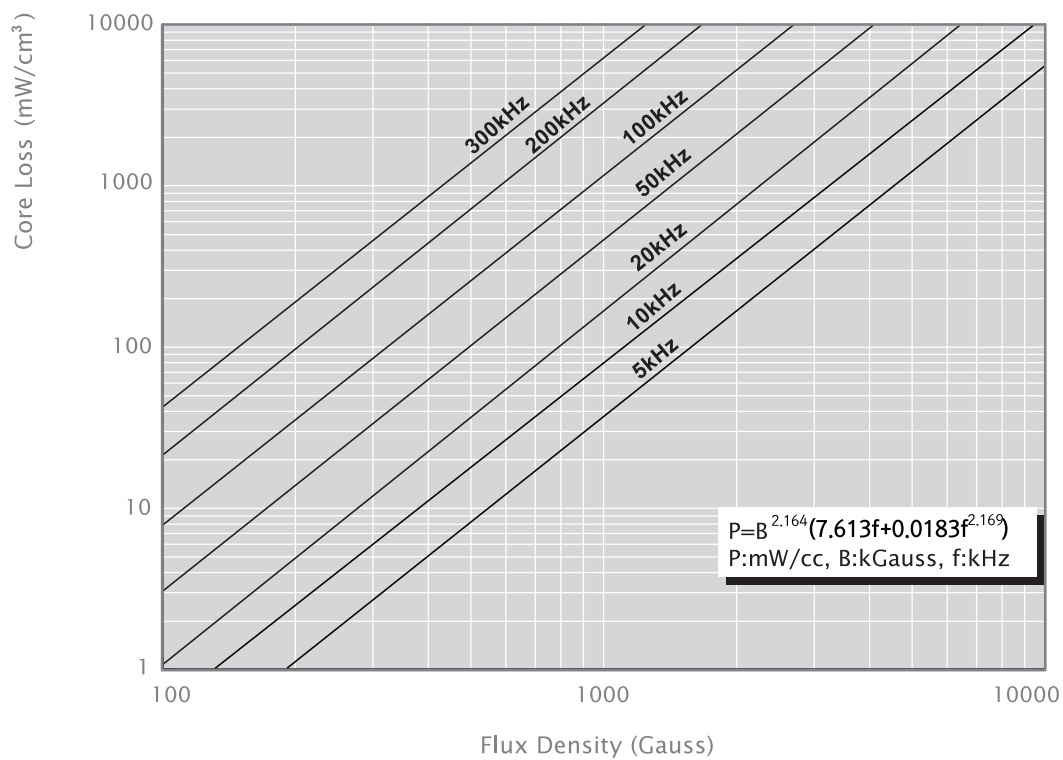
KH Core

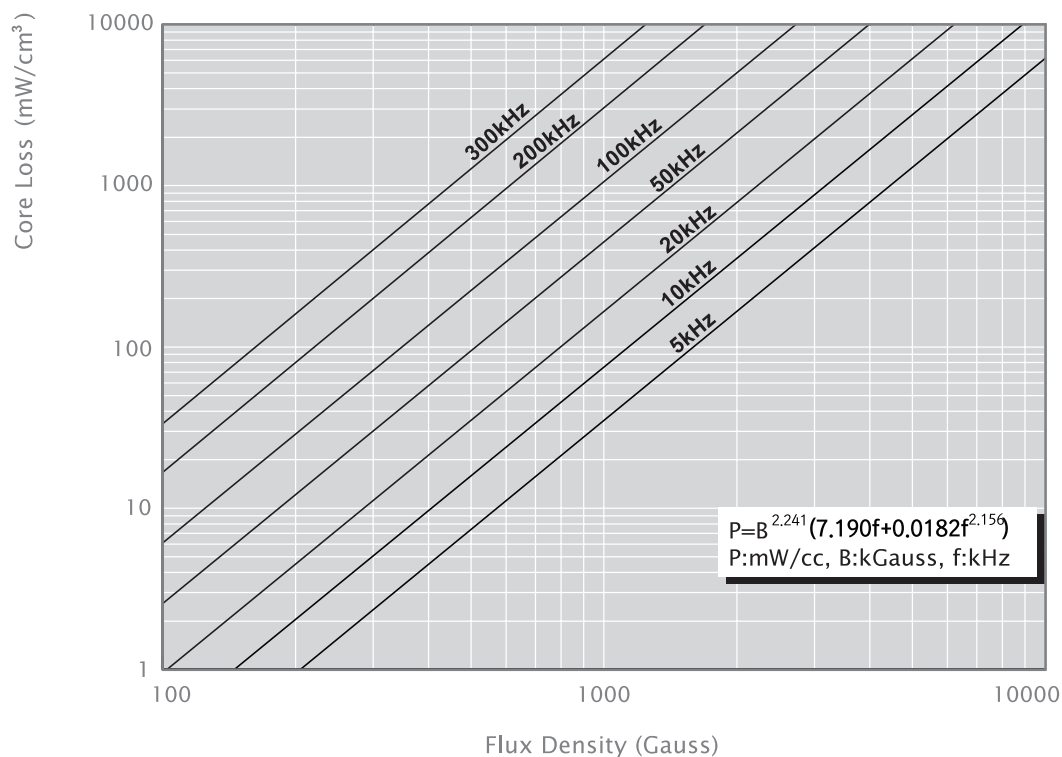
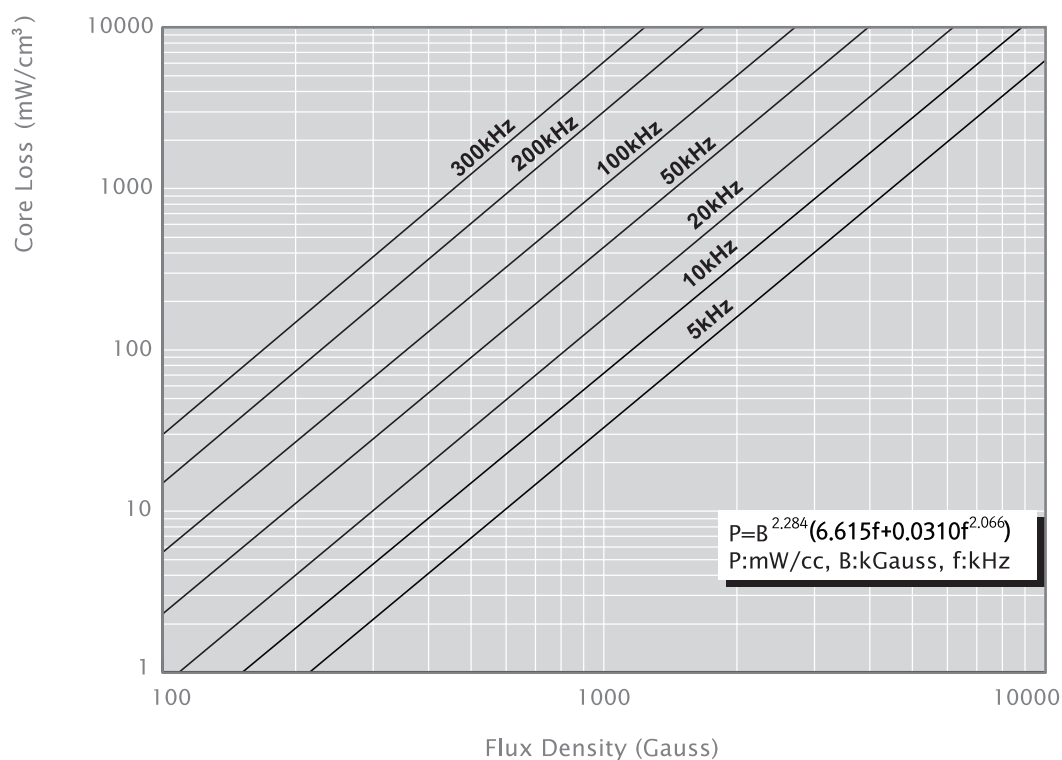
PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm ²)	AL value (nH/N ²)		
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			026 μ	040 μ	060 μ
KH1013	101.6	57.2	13.6	103.1	55.7	14.9	24.27	2.972	40	61	92
KH1016	101.6	57.2	16.5	103.1	55.7	17.8	24.27	3.522	48	75	112
KH1027	101.6	57.2	27.2	103.1	55.7	28.5	24.27	5.944	80	123	184
KH1033	101.6	57.2	33.0	103.1	55.7	34.3	24.27	7.044	96	149	224
KH1320	132.5	78.6	20.3	134.2	77.0	21.7	32.42	5.347	54	83	124
KH1325	132.5	78.6	25.4	134.2	77.0	26.8	32.42	6.710	68	104	156
KH1333	132.5	78.6	33.0	134.2	77.0	34.4	32.42	8.717	88	135	202
KH1340	132.5	78.6	40.6	134.2	77.0	42.0	32.42	10.694	108	165	248
KH1625	165.0	88.9	25.4	167.2	86.9	27.3	38.65	9.460	80	123	184

KH Permeability vs DC Bias Curves

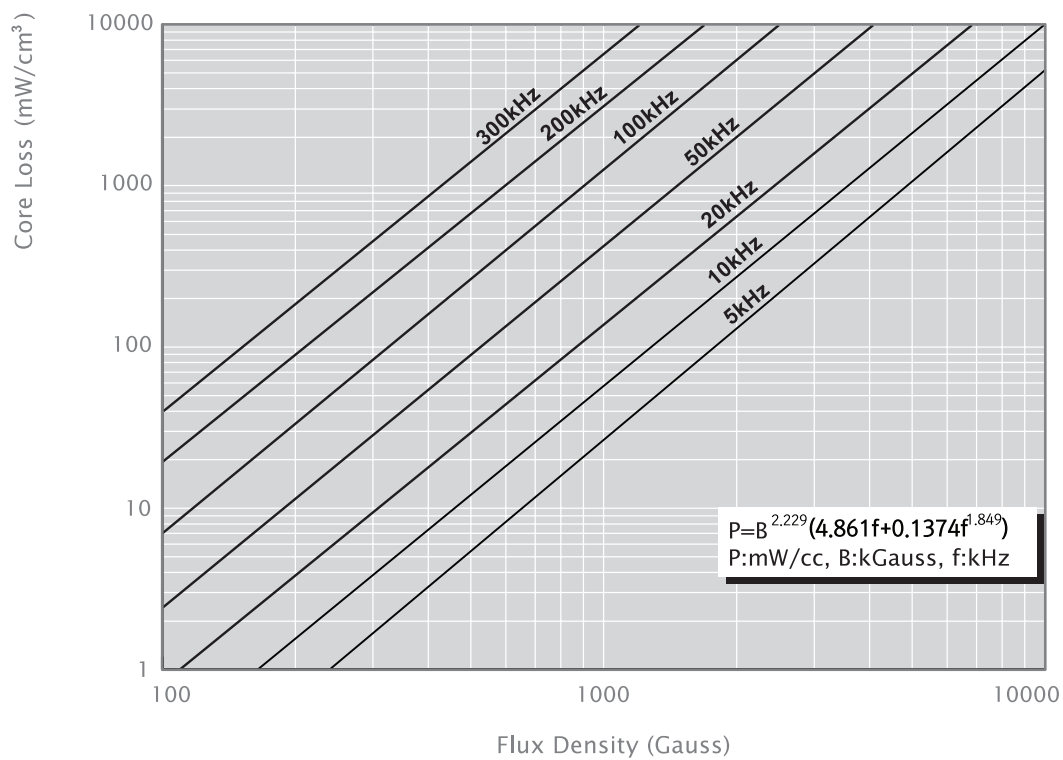


KH Core loss -26μ

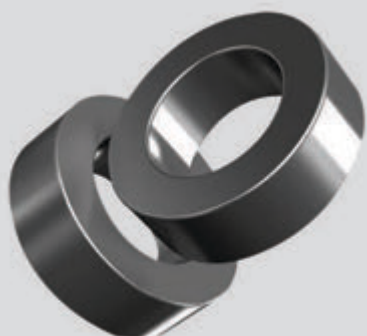


■ KH Core Loss 40μ**■ KH Core Loss 60μ**

KH Core Loss 90μ



HP TOROIDAL CORES



Features

- Lowest Core loss
- Good DC Bias characteristics
- Economical price

Applications

- Desktop PCs, Server PCs
- Automotive parts, solar power parts
- UPS and ESS



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			019μ	026μ	060μ
HP096	9.65	4.78	3.18	10.29	4.27	3.81	2.18	0.0752		11	25
HP097	9.65	4.78	3.96	10.29	4.27	4.57	2.18	0.0945		14	32
HP102	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.1000		14	32
HP112	11.18	6.35	3.96	11.90	5.89	4.72	2.69	0.0906		11	26
HP127	12.70	7.62	4.75	13.46	6.99	5.51	3.12	0.114		12	27
HP166	16.51	10.16	6.35	17.4	9.53	7.11	4.11	0.192		25	35
HP172	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232		19	43
HP203	20.32	12.7	6.35	21.1	12.07	7.11	5.09	0.226		14	32
HP229	22.86	13.97	7.62	23.62	13.39	8.38	5.67	0.331		19	43
HP234	23.57	14.4	8.89	24.3	13.77	9.7	5.88	0.388		22	51
HP270	26.92	14.73	11.18	27.7	14.1	11.99	6.35	0.654	24	33	75
HP330	33.02	19.94	10.67	33.83	19.3	11.61	8.15	0.672	19	26	61
HP343	34.29	23.37	8.89	35.2	22.6	9.83	8.95	0.454	12	16	38
HP358	35.81	22.35	10.46	36.7	21.5	11.28	8.98	0.678	18	24	56
HP400	39.88	24.13	14.48	40.7	23.3	15.37	9.84	1.072	26	35	81
HP467	46.74	24.13	18.03	47.60	23.30	18.92	10.74	1.990	43	59	
HP468	46.74	28.70	15.24	47.60	27.90	16.13	11.63	1.340	27	37	
HP508	50.80	31.75	13.46	51.70	30.90	14.35	12.73	1.250	23	32	
HP571	57.15	26.39	15.24	58.00	25.60	16.10	12.50	2.290	44	60	
HP572	57.15	35.56	13.97	58.00	34.70	14.86	14.30	1.444	24	33	
HP610	62.00	32.60	25.00	63.10	31.37	26.27	14.37	3.675	61	83	
HP740	74.10	45.30	35.00	75.20	44.07	36.27	18.39	4.788	61	89	
HP777	77.80	49.23	12.70	78.90	48.00	13.97	20.00	1.770	22	29	
HP778	77.80	49.23	15.90	78.90	48.00	17.02	20.00	2.270	27	37	

HP BIG TOROIDAL CORES



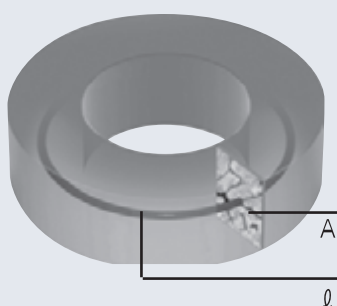
Features

- Excellent DC bias characteristics
- Low core losses
- Large energy storage capacity
- Good temperature stability

Applications

- Power factor correction(PFC) circuits
- Powder inductors for large currents
- AC Reactors for inverters

■ Product Identification



HP

1013

019

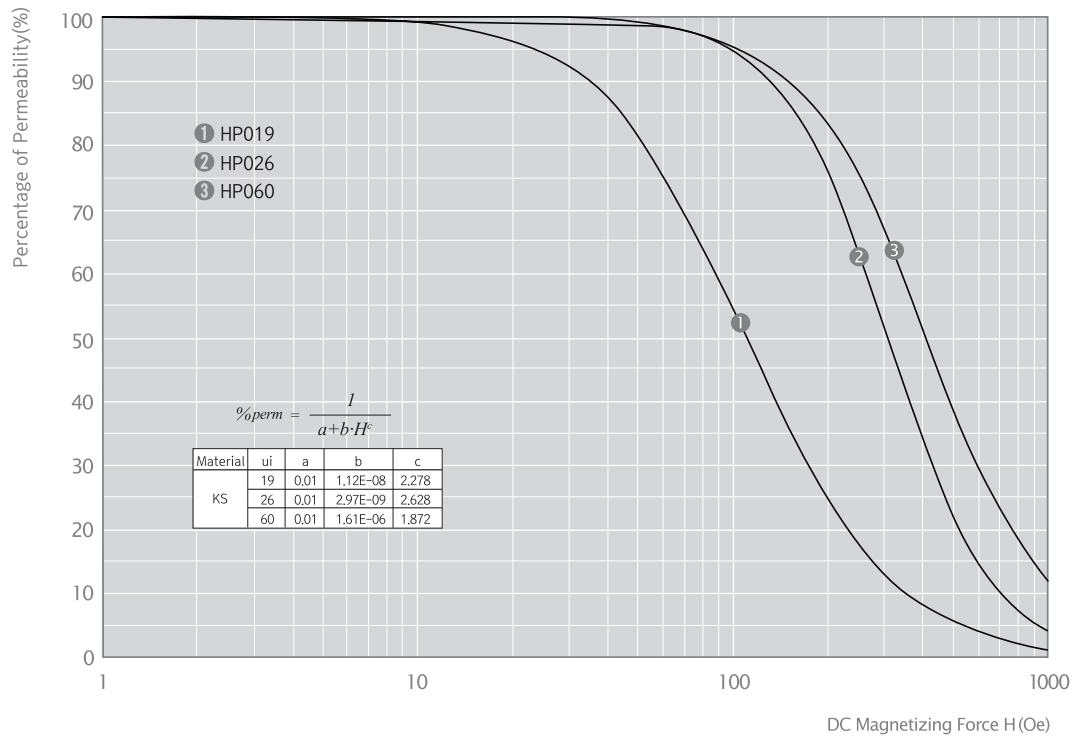
Permeability : 19 μ Available Perm : 19, 26 μ

Core Size

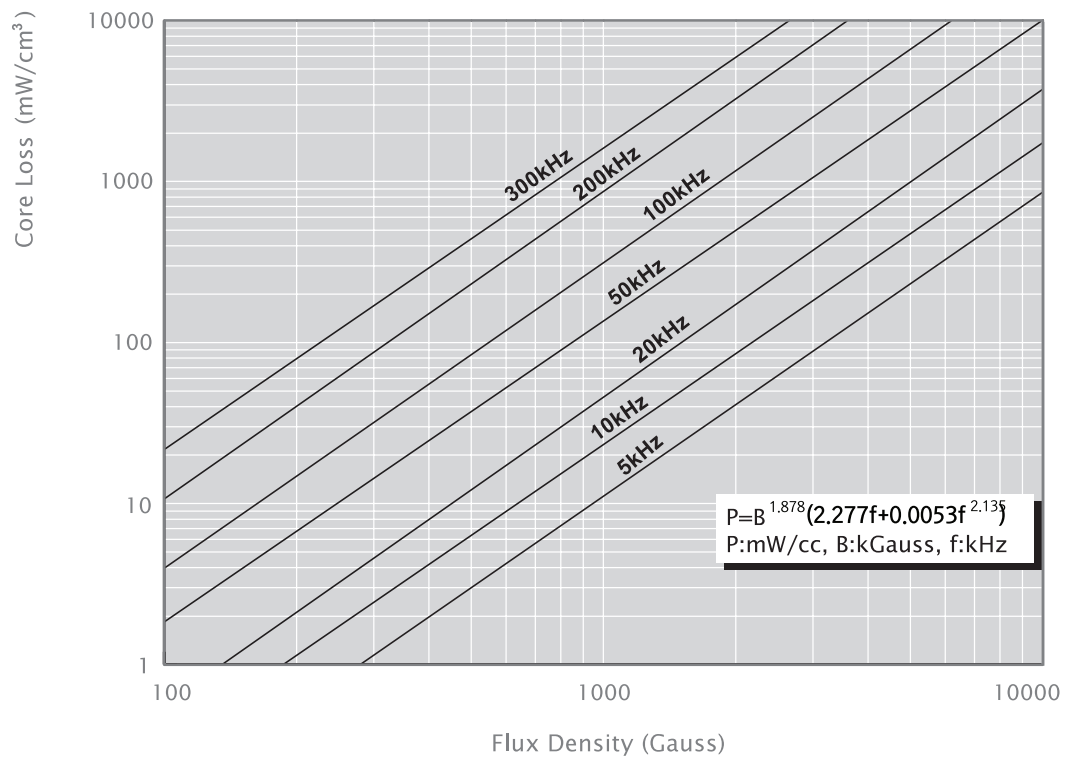
HP Cores

PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm ²)	AL value (nH/N ²)		
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			019 μ	026 μ	060 μ
HP1013	101.6	57.2	13.6	103.1	55.7	14.9	24.27	2.972	29	40	
HP1016	101.6	57.2	16.5	103.1	55.7	17.8	24.27	3.522	35	49	
HP1027	101.6	57.2	27.2	103.1	55.7	28.5	24.27	5.944	58	80	
HP1033	101.6	57.2	33.0	103.1	55.7	34.3	24.27	7.044	71	97	
HP1320	132.5	78.6	20.3	134.2	77.0	21.7	32.42	5.347	39	54	
HP1325	132.5	78.6	25.4	134.2	77.0	26.8	32.42	6.710	49	68	
HP1333	132.5	78.6	33.0	134.2	77.0	34.4	32.42	8.717	64	88	
HP1340	132.5	78.6	40.6	134.2	77.0	42.0	32.42	10.694	79	107	
HP1625	165.0	88.9	25.4	167.2	86.9	27.3	38.65	9.460	58	80	

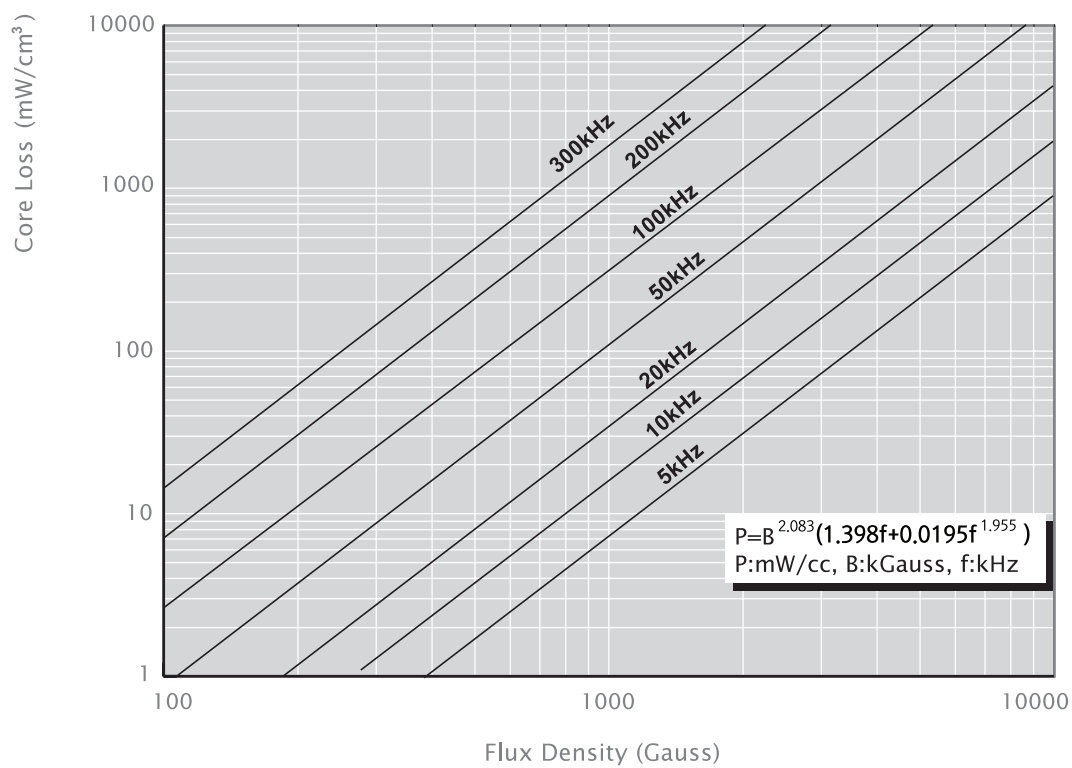
HP DCB Graph



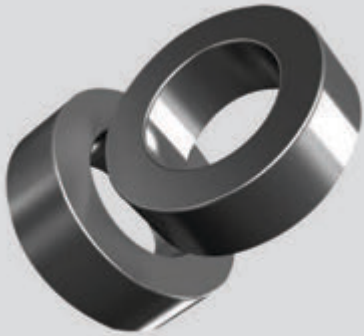
HP Core Loss 019μ, 026μ



■ HP 60u Core loss Graph



FINE FLUX TOROIDAL CORES



Features

- Low core loss at high current
- Good DC Bias characteristics
- Economical price

Applications

- Desktop PCs, Server PCs
- Automotive parts, solar power parts
- UPS and ESS



PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm²)	AL value (nH/N²)		
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			026μ	040μ	060μ
CF096	9.65	4.78	3.18	10.29	4.27	3.81	2.18	0.0752	11	17	25
CF097	9.65	4.78	3.96	10.29	4.27	4.57	2.18	0.0945	14	21	32
CF102	10.16	5.08	3.96	10.80	4.57	4.57	2.38	0.1000	14	21	32
CF112	11.18	6.35	3.96	11.90	5.89	4.72	2.69	0.0906	11	17	26
CF127	12.70	7.62	4.75	13.46	6.99	5.51	3.12	0.114	12	18	27
CF166	16.51	10.16	6.35	17.4	9.53	7.11	4.11	0.192	15	23	35
CF172	17.27	9.65	6.35	18.03	9.02	7.11	4.14	0.232	19	29	43
CF203	20.32	12.7	6.35	21.1	12.07	7.11	5.09	0.226	14	21	32
CF229	22.86	13.97	7.62	23.62	13.39	8.38	5.67	0.331	19	29	43
CF234	23.57	14.4	8.89	24.3	13.77	9.7	5.88	0.388	22	34	51
CF270	26.92	14.73	11.18	27.7	14.1	11.99	6.35	0.654	32	50	75
CF330	33.02	19.94	10.67	33.83	19.3	11.61	8.15	0.672	28	41	61
CF343	34.29	23.37	8.89	35.2	22.6	9.83	8.95	0.454	16	25	38
CF358	35.81	22.35	10.46	36.7	21.5	11.28	8.98	0.678	24	37	56
CF400	39.88	24.13	14.48	40.7	23.3	15.37	9.84	1.072	35	54	81
CF467	46.74	24.13	18.03	47.6	23.3	18.92	10.74	1.99	59	90	135
CF468	46.74	28.7	15.24	47.6	27.9	16.13	11.63	1.34	37	57	86
CF508	50.8	31.75	13.46	51.7	30.9	14.35	12.73	1.25	32	49	73
CF571	57.15	26.39	15.24	58	25.6	16.1	12.5	2.29	60	92	138
CF572	57.15	35.56	13.97	58	34.7	14.86	14.3	1.444	33	50	75
CF610	62	32.6	25	63.1	31.37	26.27	14.37	3.675	83	128	192
CF740	74.10	45.30	35.00	75.20	44.07	36.27	18.39	4.788	29	45	68
CF777	77.80	49.23	12.70	78.90	48.00	13.97	20.00	1.770	37	57	85
CF778	77.80	49.23	15.90	78.90	48.00	17.02	20.00	2.270	25	38	57

FINE FLUX BIG TOROIDAL CORES



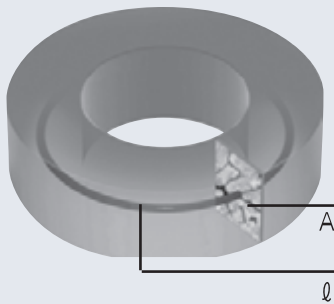
Features

- Excellent DC bias characteristics
- Low core losses
- Large energy storage capacity
- Good temperature stability

Applications

- Power factor correction(PFC) circuits
- Powder inductors for large currents
- AC Reactors for inverters

■ Product Identification



CF

1013

060

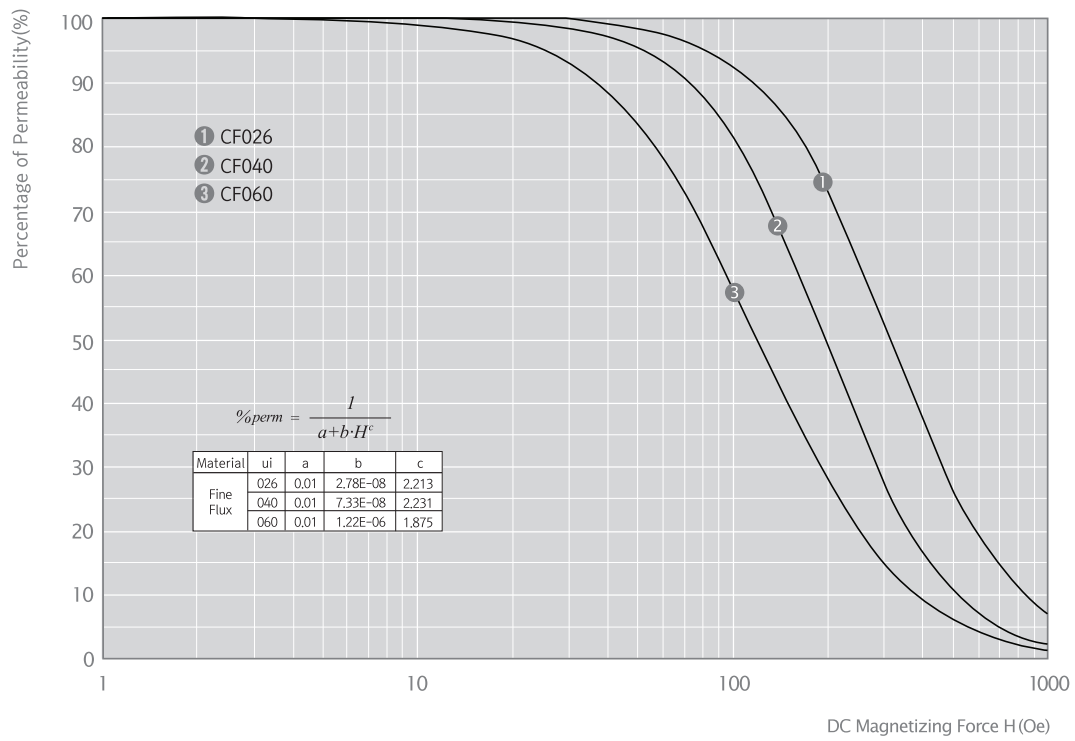
Permeability : 60 μ Available Perm : 19, 26 μ

Core Size

Fine Flux Cores

PART NO.	Before Finish Dimensions			After Finish Dimensions			Path length (cm)	Cross Section Area (cm ²)	AL value (nH/N ²)		
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			019 μ	026 μ	060 μ
CF1013	101.6	57.2	13.6	103.1	55.7	14.9	24.27	2.972	29	40	
CF1016	101.6	57.2	16.5	103.1	55.7	17.8	24.27	3.522	35	49	
CF1027	101.6	57.2	27.2	103.1	55.7	28.5	24.27	5.944	58	80	
CF1033	101.6	57.2	33.0	103.1	55.7	34.3	24.27	7.044	71	97	
CF1320	132.5	78.6	20.3	134.2	77.0	21.7	32.42	5.347	39	54	
CF1325	132.5	78.6	25.4	134.2	77.0	26.8	32.42	6.710	49	68	
CF1333	132.5	78.6	33.0	134.2	77.0	34.4	32.42	8.717	64	88	
CF1340	132.5	78.6	40.6	134.2	77.0	42.0	32.42	10.694	79	107	
CF1625	165.0	88.9	25.4	167.2	86.9	27.3	38.65	9.460	58	80	

■ Fine Flux Core DCB Graph



■ Fine Flux Core(26u, 40u, 60) Core loss Graph

