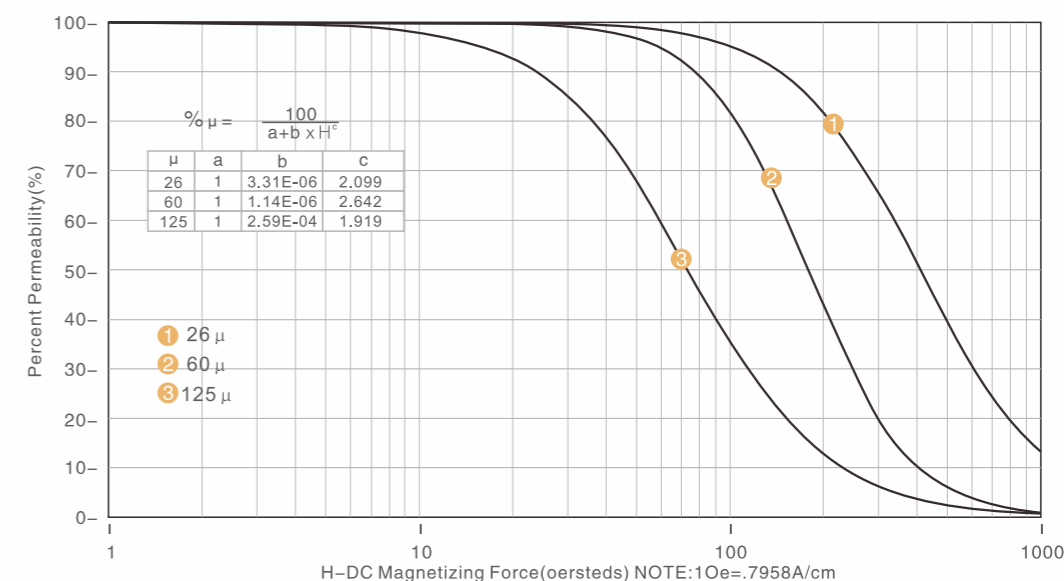




● Percent Change of Permeability vs. DC Magnetizing Force
磁导率百分率与DC磁化力关系曲线



08 高磁通铁镍磁粉芯

High Flux Cores (KH)

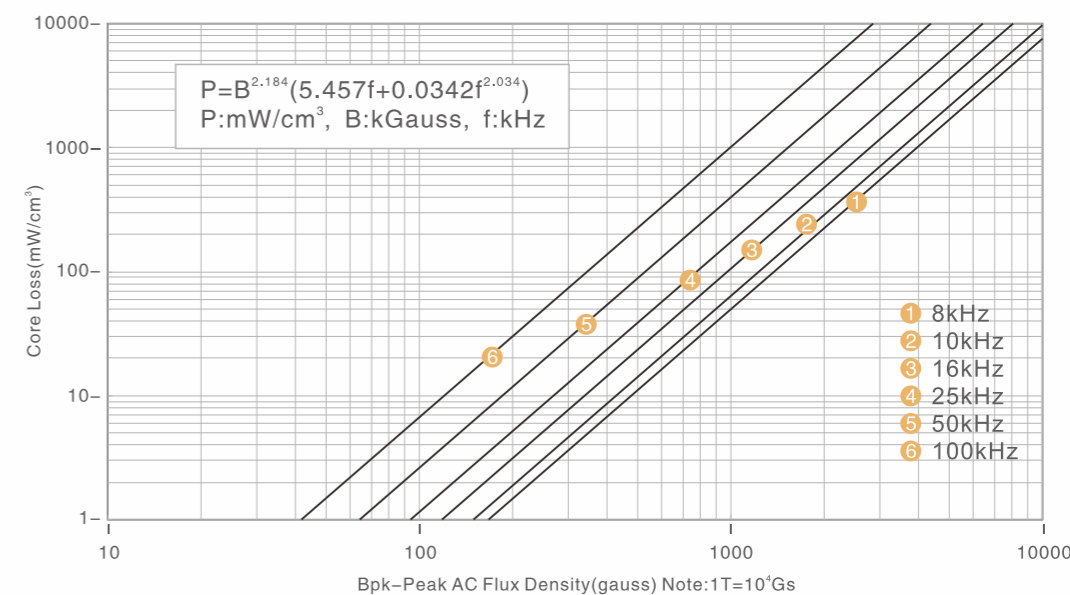
主要特征 MAIN FEATURES

- 最优的DC偏置能力 Excellent DC-bias Characteristics
- 高饱和磁通密度 (15000高斯) High Saturation Flux Density (15,000 Gauss)
- 低磁芯损耗 Low Core Losses

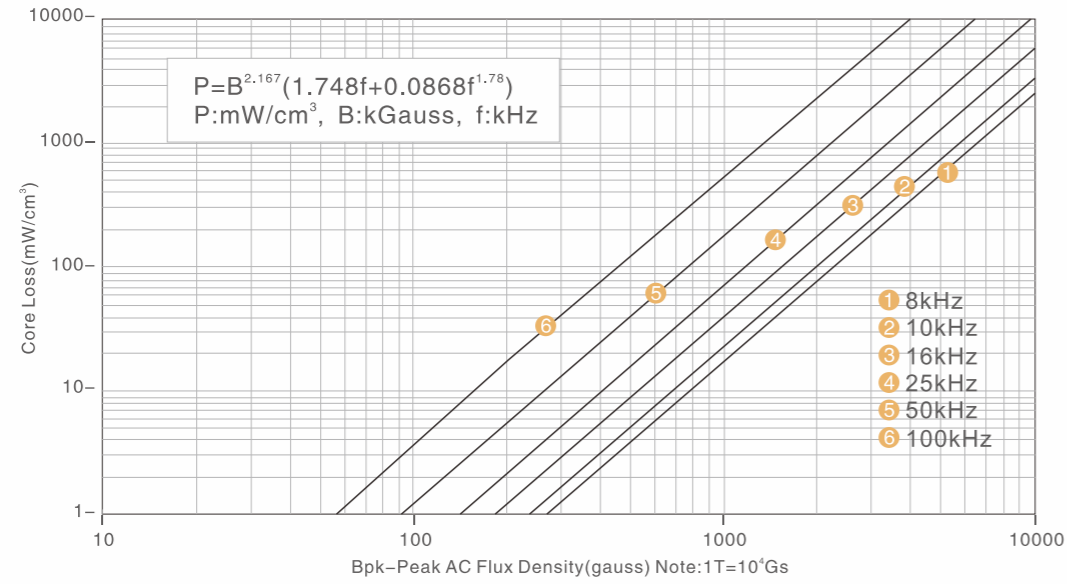
主要应用 MAIN APPLICATIONS

- 新能源汽车车载充电机 Automotive OBC
- 高效率服务器电源 High Efficiency Server Power Supply
- 通信电源 Communication Power Supply

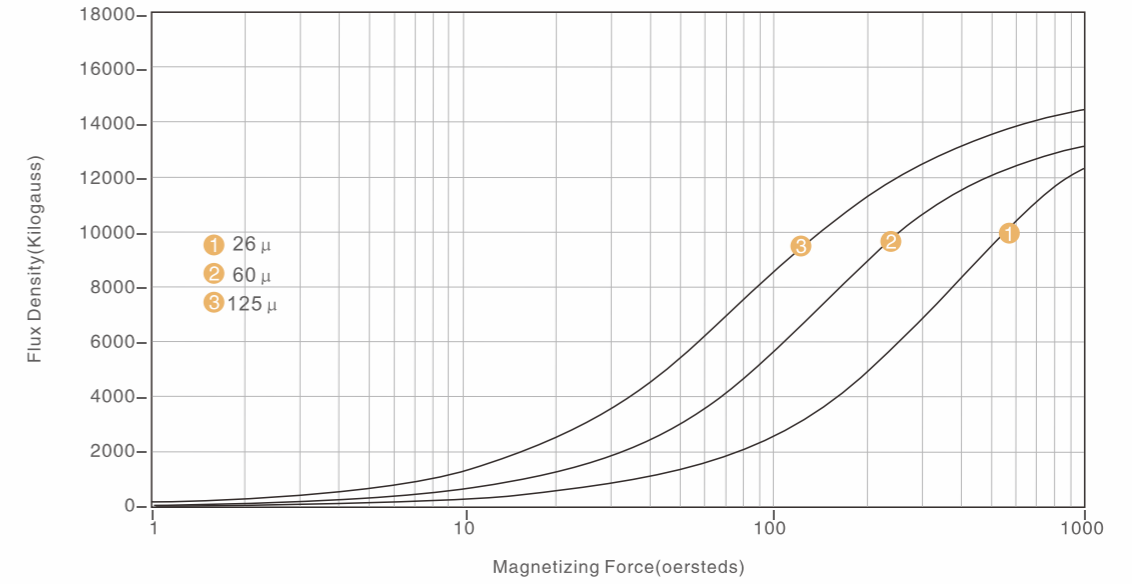
● Typical Core Loss Curves(26 μ)
典型磁粉芯损耗曲线(26 μ)



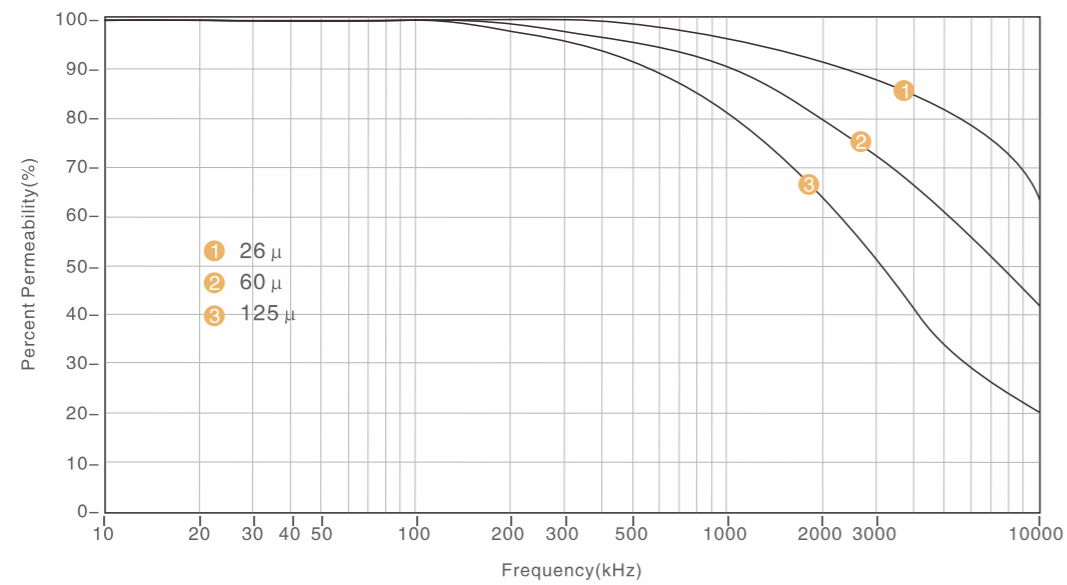
Typical Core Loss Curves(60 μ , 125 μ)
典型磁粉芯损耗值曲线(60 μ , 125 μ)



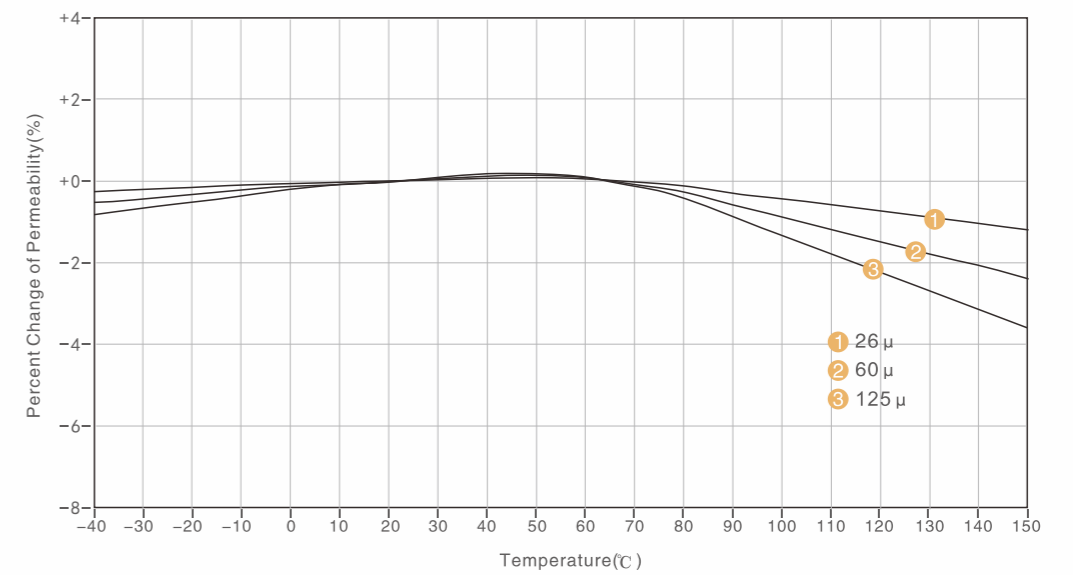
Normal Magnetization Curves
标准磁化曲线



Permeability vs. Frequency
磁导率与频率关系曲线



Temperature Stability
磁导率百分率与温度关系曲线



Part Number	Perm. (μ)	AL $\pm 8\%$	ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KH050-026A	26	12	1.229 /3.120	0.0177 /0.114	0.022 /0.356	0.0594 /0.383	12.70 × 7.62 × 4.75	13.46 × 6.99 × 5.51
KH050-060A	60	27						
KH050-125A	125	56						
KH065-026A	26	15	1.619 /4.110	0.0298 /0.192	0.048 /0.789	0.1105 /0.713	16.50 × 10.20 × 6.35	17.40 × 9.53 × 7.11
KH065-060A	60	35						
KH065-125A	125	72						
KH068-026A	26	19	1.630 /4.140	0.0360 /0.232	0.059 /0.960	0.0990 /0.638	17.30 × 9.65 × 6.35	18.03 × 9.02 × 7.11
KH068-060A	60	43						
KH068-125A	125	89						
KH080-026A	26	14	2.010 /5.090	0.0350 /0.226	0.070 /1.150	0.1772 /1.140	20.30 × 12.70 × 6.35	21.10 × 12.07 × 7.11
KH080-060A	60	32						
KH080-125A	125	68						
KH090-026A	26	19	2.230 /5.670	0.0513 /0.331	0.114 /1.880	0.2181 /1.410	22.90 × 14.07 × 7.62	23.62 × 13.39 × 8.38
KH090-060A	60	43						
KH090-125A	125	90						
KH092-026A	26	22	2.320 /5.880	0.0610 /0.388	0.142 /2.280	0.2307 /1.490	23.60 × 14.40 × 8.89	24.30 × 13.77 × 9.70
KH092-060A	60	51						
KH092-125A	125	105						
KH106-026A	26	32	2.500 /6.350	0.1014 /0.654	0.254 /4.150	0.2419 /1.560	26.90 × 14.70 × 11.20	27.70 × 14.10 × 11.99
KH106-060A	60	75						
KH106-125A	125	157						
KH107-026A	26	22	2.501 /6.352	0.0770 /0.497	0.198 /3.155	0.2419 /1.561	26.90 × 14.70 × 8.64	27.70 × 14.10 × 9.45
KH107-060A	60	59						
KH107-125A	125	123						
KH130-026A	26	28	3.210 /8.150	0.1042 /0.672	0.334 /5.480	0.4537 /2.930	33.00 × 19.90 × 10.70	33.83 × 19.30 × 11.61
KH130-060A	60	61						
KH130-125A	125	127						
KH131-026A	26	22	3.207 /8.147	0.0854 /0.551	0.274 /4.490	0.4537 /2.927	33.00 × 19.90 × 8.76	33.83 × 19.30 × 9.70
KH131-060A	60	51						
KH131-125A	125	109						

Part Number	Perm. (μ)	AL $\pm 8\%$	ℓ_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KH132-026A	26	28	3.207 /8.147	0.1082 /0.698	0.347 /5.687	0.4537 /2.927	33.00 × 19.90 × 11.18	33.83 × 19.30 × 11.99
KH132-060A	60	65						
KH132-125A	125	135						
KH135-026A	26	16	3.530 /8.950	0.0704 /0.454	0.249 /4.060	0.6193 /4.010	34.30 × 23.40 × 8.89	35.10 × 22.56 × 9.83
KH135-060A	60	38						
KH135-125A	125	79						
KH141-026A	26	24	3.540 /8.980	0.1051 /0.678	0.372 /6.088	0.5648 /3.640	35.80 × 22.40 × 10.50	36.63 × 21.54 × 11.28
KH141-060A	60	56						
KH141-125A	125	117						
KH157-026A	26	35	3.880 /9.840	0.1662 /1.072	0.645 /10.500	0.6619 /4.270	39.90 × 24.10 × 14.50	40.72 × 23.30 × 15.37
KH157-060A	60	81						
KH157-125A	125	168						
KH158-026A	26	53	0.374 /9.510	0.060 /1.537	0.592 /15.043	0.5500 /3.550	40.13 × 22.08 × 17.00	40.94 × 21.27 × 17.89
KH158-060A	60	122						
KH158-125A	125	254						
KH168-026A	26	47	4.040 /10.216	0.229 /1.475	0.960 /15.741	0.5648 /3.644	42.90 × 24.20 × 16.26	44.00 × 23.30 × 17.16
KH168-060A	60	108						
KH168-125A	125	224						
KH184-026A	26	59	4.230 /10.740	0.308 /1.990	1.300 /21.300	0.6619 /4.270	46.70 × 24.10 × 18.00	47.63 × 23.32 × 18.92
KH184-060A	60	135						
KH184-125A	125	281						
KH185-026A	26	37	4.580 /11.630	0.208 /1.340	0.953 /15.530	0.6469 /6.110	46.70 × 28.70 × 15.20	47.63 × 27.89 × 16.13
KH185-060A	60	86						
KH185-125A	125	178						
KH200-026A	26	32	5.020 /12.730	0.194 /1.251	0.974 /15.930	1.165 /7.500	50.80 × 31.80 × 13.50	51.69 × 30.94 × 14.35
KH200-060A	60	73						
KH200-125A	125	152						
KH225-026A	26	33	5.630 /14.300	0.224 /1.444	12.260 /20.650	1.470 /9.480	57.20 × 35.60 × 14.00	58.00 × 34.70 × 14.86
KH225-060A	60	75						
KH225-125A	125	156						

Part Number	Perm. (μ)	AL $\pm 8\%$	l_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KH226-026A	26	60	4.930 /12.500	0.355 /2.290	1.750 /28.600	0.796 /5.140	57.20×26.40×15.20	58.00×25.60×16.10
KH226-060A	60	138						
KH226-125A	125	287						
KH250-026A	26	83	5.660 /14.370	0.570 /3.675	3.223 /52.810	1.198 /7.730	62.00×32.60×25.00	63.10×31.37×26.27
KH250-060A	60	192						
KH250-125A	125	400						
KH268-026A	26	62	6.429 /16.330	0.481 /3.104	3.093 /50.690	1.491 /9.620	68.00×36.00×20.00	69.40×34.70×21.40
KH268-060A	60	143						
KH268-125A	125	298						
KH290-026A	26	89	7.24 /18.380	0.781 /5.040	5.653 /92.640	2.364 /15.250	74.80×45.30×35.00	75.20×44.07×36.27
KH290-060A	60	206						
KH290-125A	125	429						
KH300-026A	26	30	7.72 /20.000	0.274 /1.770	2.115 /34.700	2.800 /17.990	77.80×49.20×12.70	78.90×48.20×13.84
KH300-060A	60	68						
KH300-125A	125	142						
KH301-026A	26	37	7.86 /19.950	0.352 /2.270	2.770 /45.300	2.800 /17.990	77.80×49.20×15.90	78.90×48.20×17.02
KH301-060A	60	85						
KH301-125A	125	178						
KH400-026A	26	48	9.56 /24.271	0.546 /3.523	5.217 /85.495	3.784 /24.413	101.60×57.15×16.51	103.12×55.75×17.78
KH400-060A	60	112						
KH400-125A	125	228						
KH401-026A	26	40	9.56 /24.271	0.461 /2.972	4.401 /72.122	3.784 /24.413	101.60×57.15×13.59	103.12×55.75×14.86
KH401-060A	60	92						
KH401-125A	125	192						
KH520-026A	26	54	12.77 /32.428	0.829 /5.347	10.580 /173.400	7.225 /46.612	132.54×78.59×20.32	133.96×77.04×21.72
KH520-060A	60	124						
KH520-125A	125	259						
KH521-026A	26	67.6	12.77 /32.429	1.040 /6.710	13.280 /217.580	7.225 /46.612	132.54×78.59×25.40	133.96×77.04×26.80
KH521-060A	60	156						
KH521-125A	125	325						

Part Number	Perm. (μ)	AL $\pm 8\%$	l_c in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²	Dimensions (mm)	
							OD (max) × ID (min) × HT (max)	
							Before Coating	After Coating
KH650-026A	26	160	15.22 /38.650	2.932 /18.920	44.620 /731.260	9.190 /59.310	165.00×88.90×50.80	167.20×86.90×52.90
KH650-060A	60	368						
KH651-026A	26	78	16.22 /41.200	1.529 /9.870	63.085 /407.000	12.440 /80.300	165.00×102.40×31.75	166.50×101.00×33.15
KH651-060A	60	180						