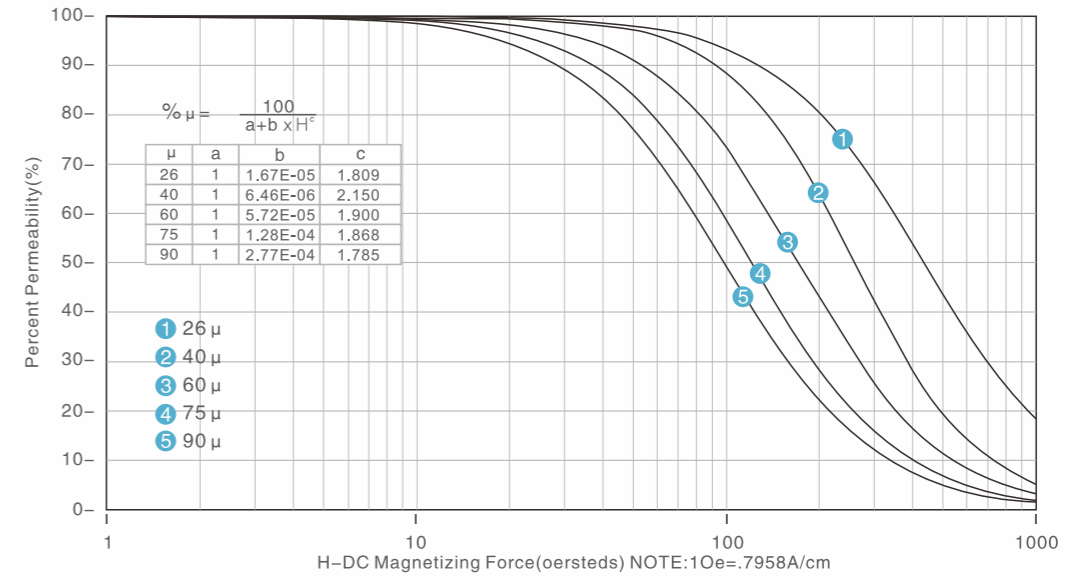




● Percent Change of Permeability vs. DC Magnetizing Force
磁导率百分率与DC磁化力关系曲线



07 硅铁磁粉芯

Si-Fe® Cores (KSF)

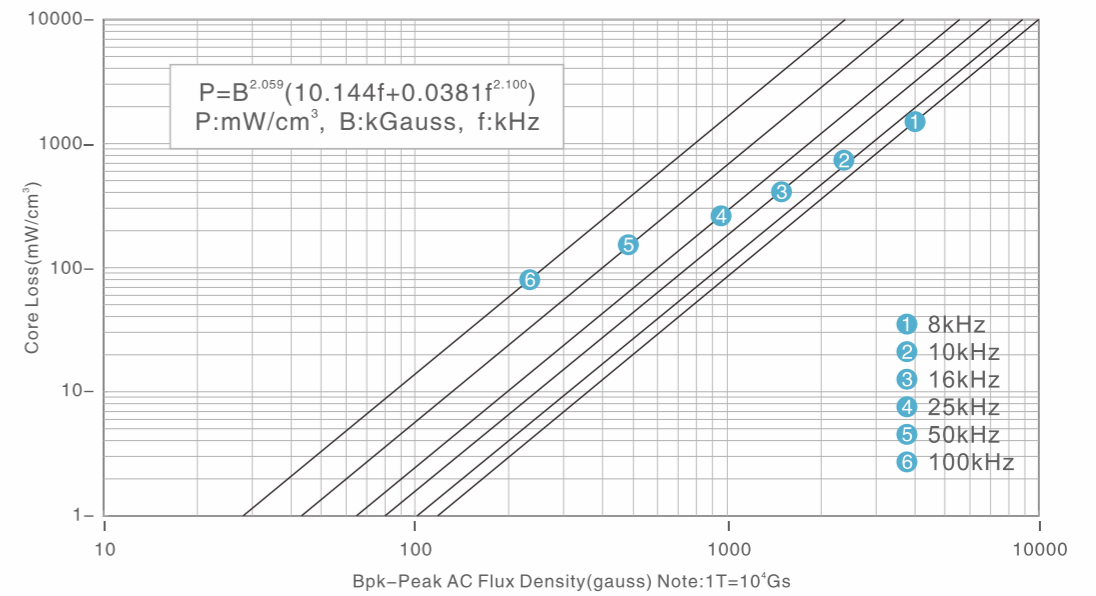
主要特征 MAIN FEATURES

- 高饱和磁通密度 (16000高斯) High Saturation Flux Density (16,000 Gauss)
- 优异的DC偏流特性 Excellent DC-bias Characteristics
- 无热老化的问题 Excellent Thermal Stability Without Aging Problem

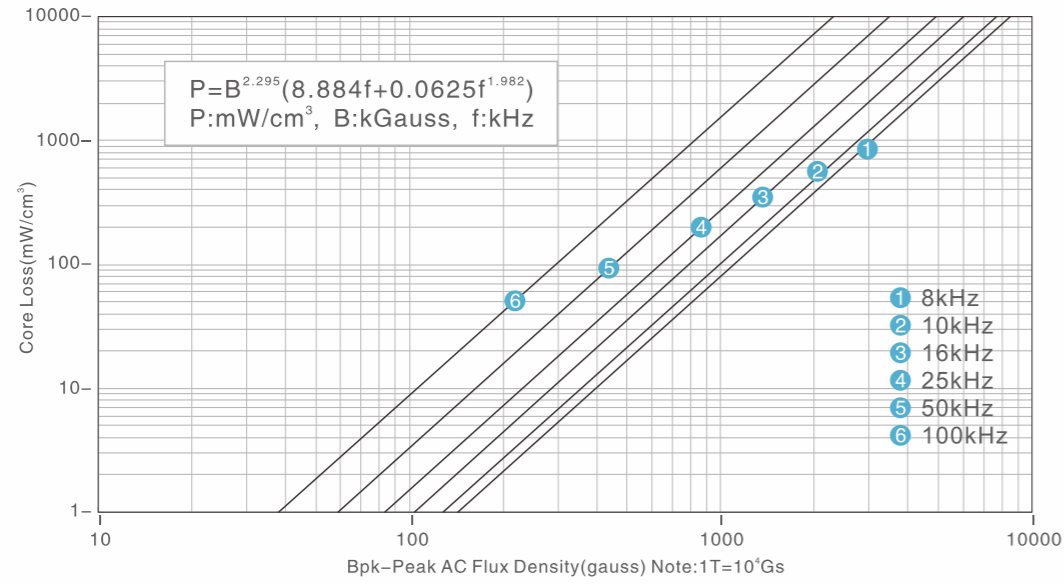
主要应用 MAIN APPLICATIONS

- 工业电源 Industrial Power Supply
- 光伏逆变器 PV Inverter
- 不间断电源 Uninterruptible Power Supply

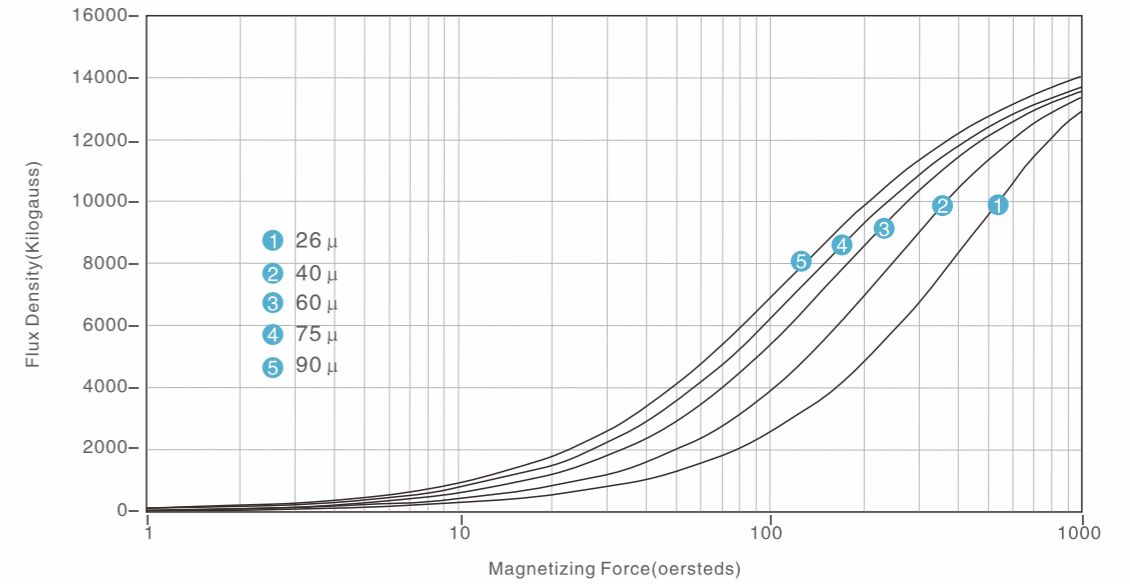
● Typical Core Loss Curves(26 μ ,40 μ)
典型磁粉芯损耗曲线(26 μ ,40 μ)



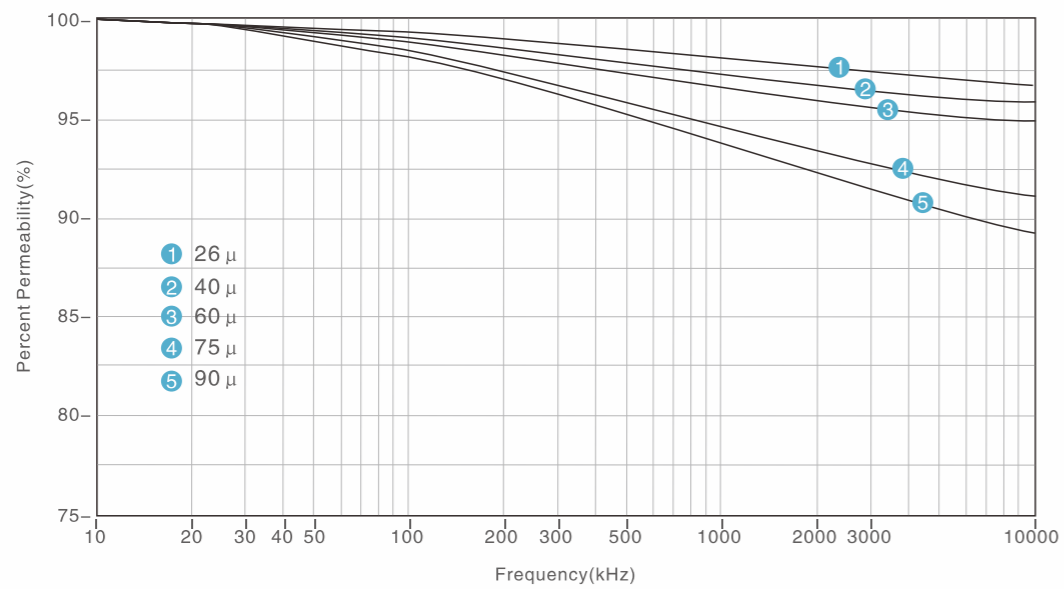
Typical Core Loss Curves(60 μ ,75 μ ,90 μ)
 典型磁粉芯损耗值曲线(60 μ ,75 μ ,90 μ)



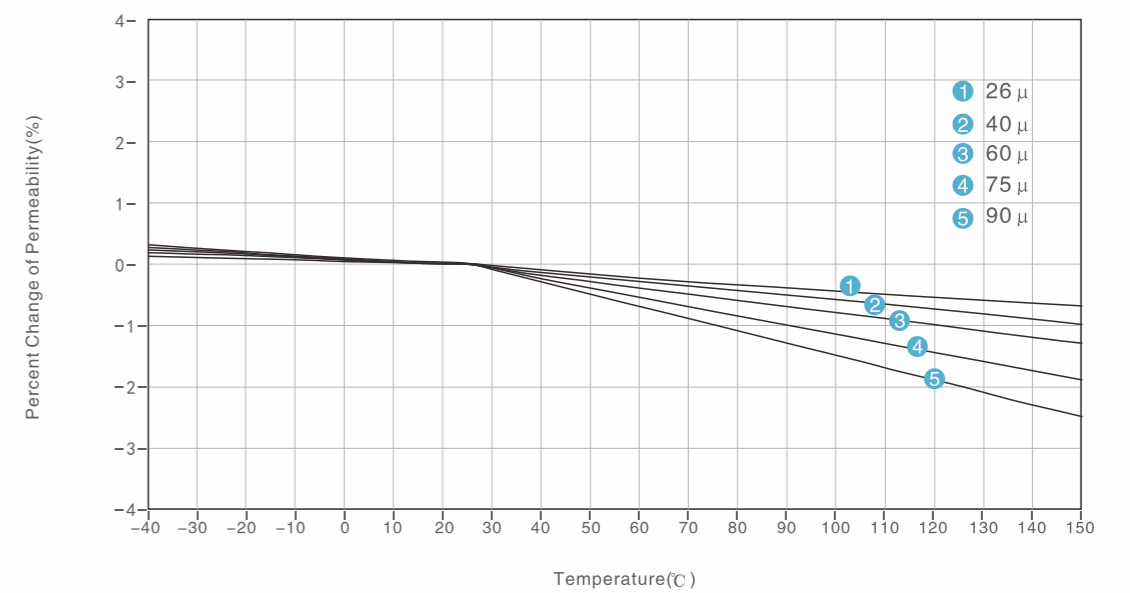
Normal Magnetization Curves
 标准磁化曲线



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_c 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
KSF050-026A	26	12						
KSF050-060A	60	27	1.229	0.0177	0.022	0.0594	12.70×7.62×4.75	13.46×6.99×5.51
KSF050-075A	75	34	/3.120	/0.114	/0.356	/0.383		
KSF050-090A	90	40						
KSF065-026A	26	15						
KSF065-060A	60	35	1.619	0.0298	0.048	0.1105	16.50×10.20×6.35	17.40×9.53×7.11
KSF065-075A	75	43	/4.110	/0.192	/0.789	/0.713		
KSF065-090A	90	52						
KSF068-026A	26	19						
KSF068-060A	60	43	1.630	0.0360	0.059	0.0990	17.30×9.65×6.35	18.03×9.02×7.11
KSF068-075A	75	53	/4.140	/0.232	/0.960	/0.638		
KSF068-090A	90	64						
KSF080-026A	26	14						
KSF080-060A	60	32	2.010	0.0350	0.070	0.1772	20.30×12.70×6.35	21.10×12.07×7.11
KSF080-075A	75	41	/5.090	/0.226	/1.150	/1.140		
KSF080-090A	90	49						
KSF090-026A	26	19						
KSF090-060A	60	43	2.230	0.0513	0.114	0.2181	22.90×14.07×7.62	23.62×13.39×8.38
KSF090-075A	75	54	/5.670	/0.331	/1.880	/1.410		
KSF090-090A	90	65						
KSF092-026A	26	22						
KSF092-060A	60	51	2.320	0.0610	0.142	0.2307	23.60×14.40×8.89	24.30×13.77×9.70
KSF092-075A	75	63	/5.880	/0.388	/2.280	/1.490		
KSF092-090A	90	76						
KSF106-026A	26	32						
KSF106-060A	60	75	2.500	0.1014	0.254	0.2419	26.90×14.70×11.20	27.70×14.10×11.99
KSF106-075A	75	94	/6.350	/0.654	/4.150	/1.560		
KSF106-090A	90	113						
KSF107-026A	26	22						
KSF107-060A	60	59	2.501	0.0770	0.198	0.2419	26.90×14.70×8.64	27.70×14.10×9.45
KSF107-075A	75	74	/6.352	/0.497	/3.155	/1.561		
KSF107-090A	90	89						
KSF130-026A	26	28						
KSF130-060A	60	61	3.210	0.1042	0.334	0.4537	33.00×19.90×10.70	33.83×19.30×11.61
KSF130-075A	75	76	/8.150	/0.672	/5.480	/2.930		
KSF130-090A	90	91						

Part Number	Perm. (μ)	AL $\pm 8\%$	l_c in/cm	A_c 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
KSF131-026A	26	22						
KSF131-060A	60	51	3.207	0.0854	0.274	0.4537	33.00×19.90×8.76	33.83×19.30×9.70
KSF131-075A	75	64	/8.147	/0.551	/4.490	/2.927		
KSF131-090A	90	76.5						
KSF132-026A	26	28						
KSF132-060A	60	65	3.207	0.1082	0.347	0.4537	33.00×19.90×11.18	33.83×19.30×11.99
KSF132-075A	75	81	/8.147	/0.698	/5.687	/2.927		
KSF132-090A	90	97						
KSF135-026A	26	16						
KSF135-060A	60	38	3.530	0.0704	0.249	0.6193	34.30×23.40×8.89	35.10×22.56×9.83
KSF135-075A	75	47	/8.950	/0.454	/4.060	/4.010		
KSF135-090A	90	57						
KSF141-026A	26	24						
KSF141-060A	60	56	3.540	0.1051	0.372	0.5648	35.80×22.40×10.50	36.63×21.54×11.28
KSF141-075A	75	70	/8.980	/0.678	/6.088	/3.640		
KSF141-090A	90	84						
KSF157-026A	26	35						
KSF157-060A	60	81	3.880	0.1662	0.645	0.6619	39.90×24.10×14.50	40.72×23.30×15.37
KSF157-075A	75	101	/9.840	/1.072	/10.500	/4.270		
KSF157-090A	90	121						
KSF158-026A	26	53						
KSF158-060A	60	122	0.374	0.060	0.592	0.5500	40.13×22.08×17.00	40.94×21.27×17.89
KSF158-075A	75	152	/9.510	/1.537	/15.043	/3.550		
KSF158-090A	90	183						
KSF168-026A	26	47						
KSF168-060A	60	108	4.040	0.229	0.960	0.5648	42.90×24.20×16.26	44.00×23.30×17.16
KSF168-075A	75	135	/10.216	/1.475	/15.741	/3.644		
KSF168-090A	90	161						
KSF184-026A	26	59						
KSF184-060A	60	135	4.230	0.308	1.300	0.6619	46.70×24.10×18.00	47.63×23.32×18.92
KSF184-075A	75	169	/10.740	/1.990	/21.300	/4.270		
KSF184-090A	90	202						
KSF185-026A	26	37						
KSF185-060A	60	86	4.580	0.208	0.953	0.6469	46.70×28.70×15.20	47.63×27.89×16.13
KSF185-075A	75	107	/11.630	/1.340	/15.530	/6.110		
KSF185-090A	90	128						

Part Number	Perm. (μ)	AL $\pm 8\%$	l_c in/cm	A_c 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
KSF200-026A	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
KSF200-060A	60	73						
KSF200-075A	75	91						
KSF200-090A	90	109						
KSF225-026A	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
KSF225-060A	60	75						
KSF225-075A	75	94						
KSF225-090A	90	112						
KSF226-026A	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
KSF226-060A	60	138						
KSF226-075A	75	175						
KSF226-090A	90	207						
KSF250-026A	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
KSF250-060A	60	192						
KSF250-075A	75	240						
KSF250-090A	90	288						
KSF268-026A	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
KSF268-060A	60	143						
KSF268-075A	75	179						
KSF268-090A	90	215						
KSF290-026A	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
KSF290-060A	60	206						
KSF290-075A	75	257						
KSF290-090A	90	309						
KSF300-026A	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
KSF300-060A	60	68						
KSF300-075A	75	85						
KSF300-090A	90	102						
KSF301-026A	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
KSF301-060A	60	85						
KSF301-075A	75	107						
KSF301-090A	90	128						
KSF400-026A	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
KSF400-060A	60	112						
KSF400-075A	75	137						
KSF400-090A	90	164						

Part Number	Perm. (μ)	AL $\pm 8\%$	l_c in/cm	A_c 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
KSF401-026A	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
KSF401-060A	60	92						
KSF401-075A	75	115						
KSF401-090A	90	139						
KSF520-026A	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
KSF520-060A	60	124						
KSF520-075A	75	155						
KSF520-090A	90	187						
KSF521-026A	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
KSF521-060A	60	156						
KSF521-075A	75	195						
KSF521-090A	90	234						
KSF650-026A	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
KSF650-060A	60	368						
KSF651-026A	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
KSF651-060A	60	180						