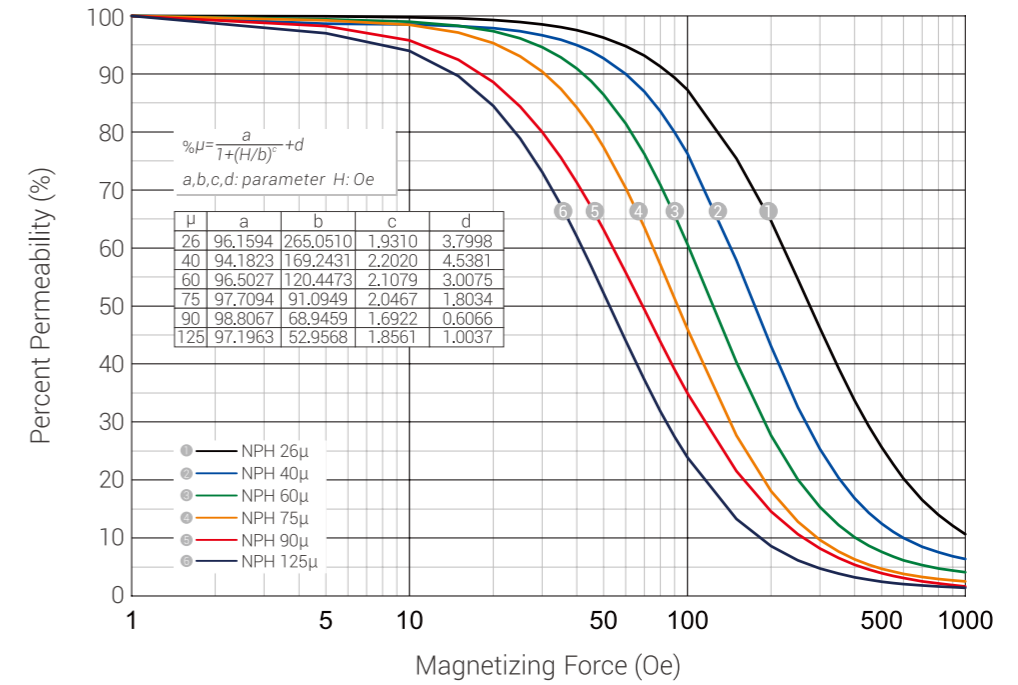
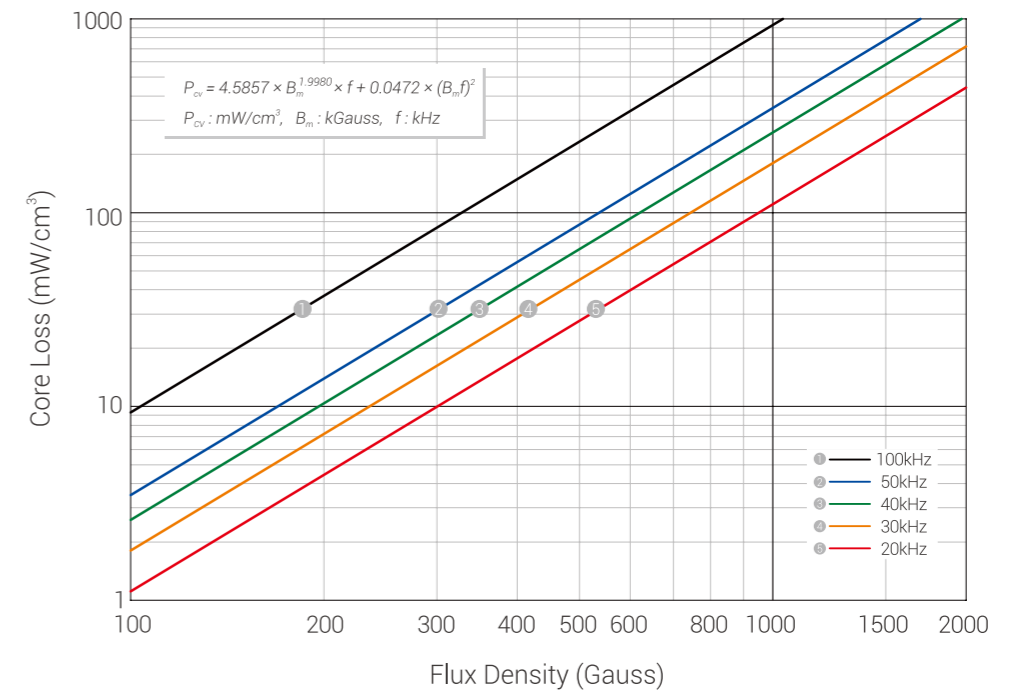




• Permeability vs DC Bias Curves



• Core Loss Curves 26 μ



/ NPH SERIES

特征

- 均匀分布式气隙
- 高饱和磁通密度(1.2T)
- 低损耗
- 低磁滞伸缩系数
- 稳定的温度及频率特性

FEATURES

- Distributed air gap
- High saturation flux density (1.2T)
- Low core loss
- Near zero magnetostriction
- Excellent temperature & frequency stability

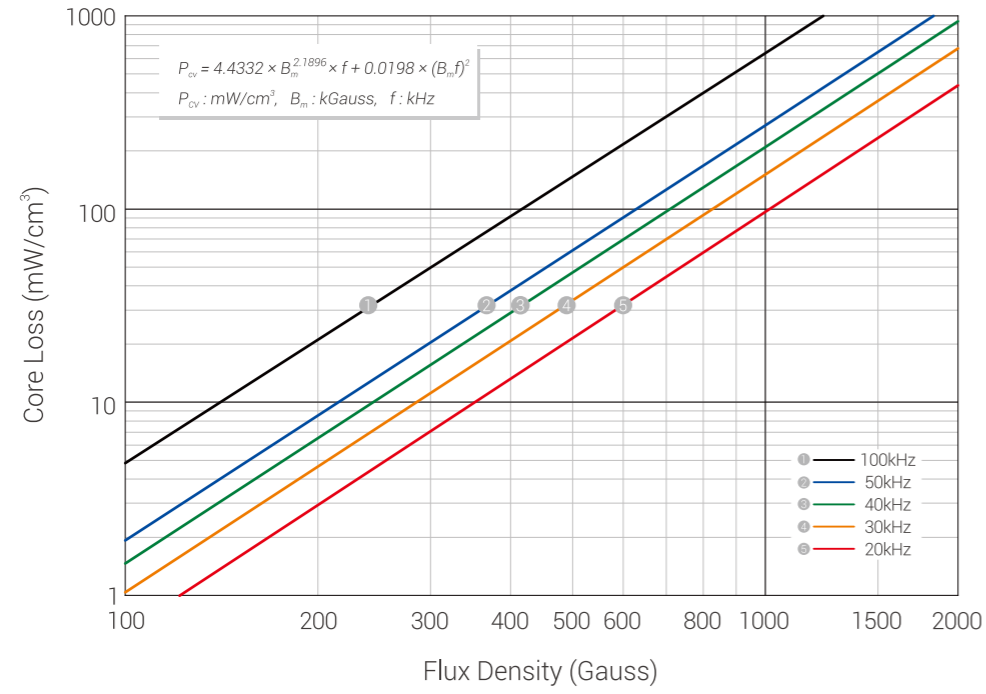
应用

- 不间断电源
- 光伏逆变器
- 服务器电源
- 新能源汽车
- 直流充电桩
- 空调

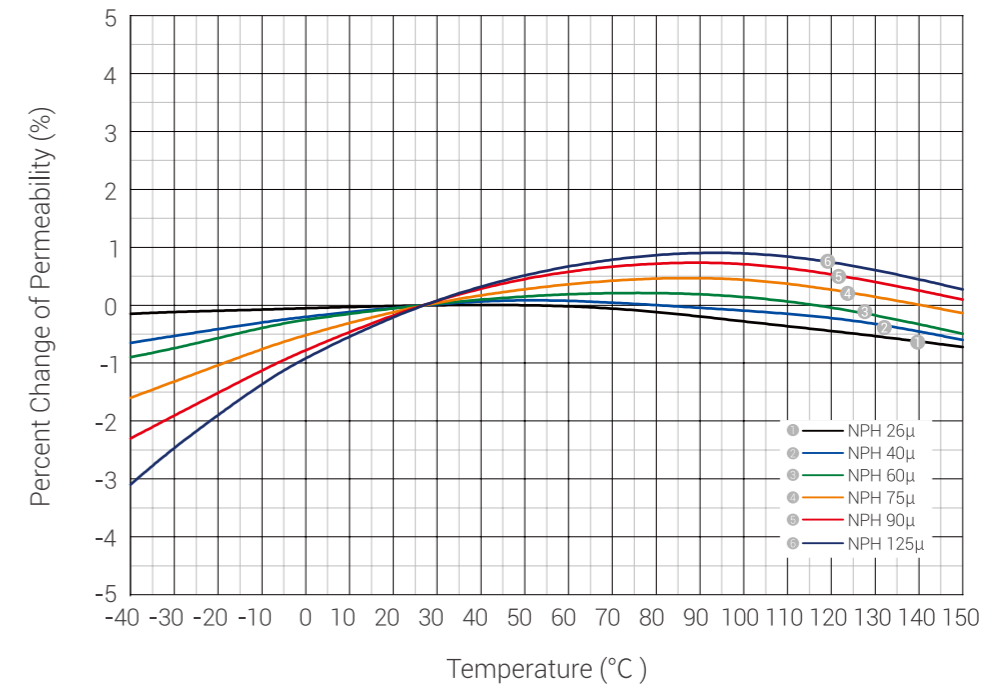
APPLICATIONS

- UPS
- PV inverter
- Server power supply
- New energy vehicle
- DC charging pile
- Air conditioner

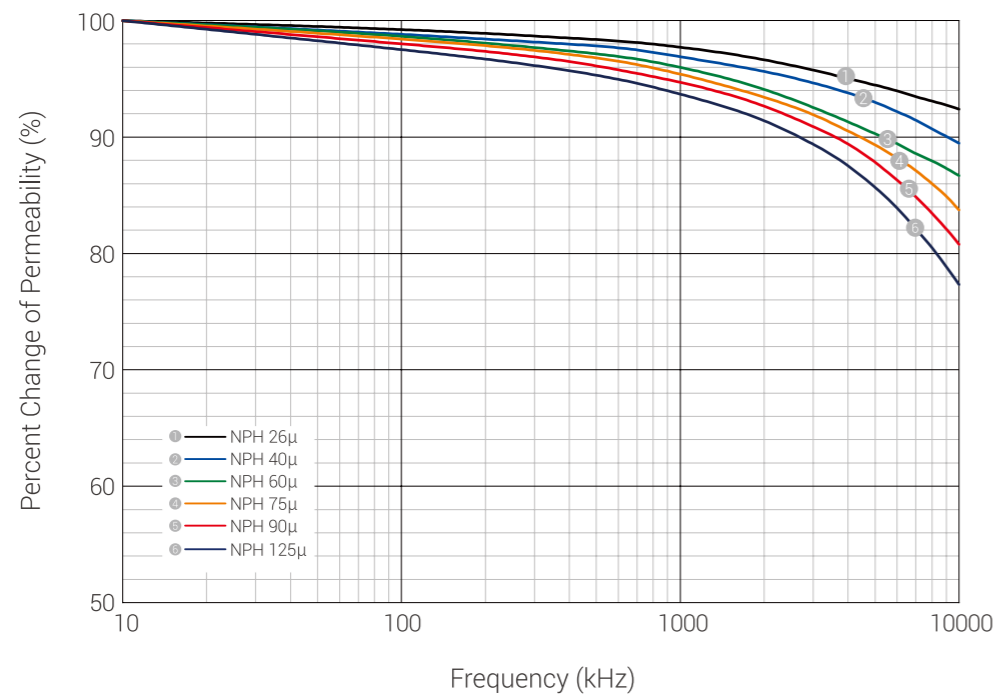
• Core Loss Curves 40, 60, 75, 90, 125μ



• Permeability vs Temperature Curves



• Permeability vs Frequency Curves



Part Number	Permeability (μ)	A _v ±8%	Window Area (Wa)	Cross Section (A)	Magnetic Path Length (ℓ)	Volume (V)	Dimensions (mm)		Package Unit (pcs/box)
							OD (max) * ID (min) * HT (max)		
							Before coating	After coating	
NPH050026	26	12	75,600 cmil 0.383 cm ²	0.0173 inch ² 0.111 cm ²	1.229 inch 3.12 cm	0.0217 inch ³ 0.356cm ³	17.70 *7.62 *4.75	13.45 *6.99 *5.51	5500
NPH050040	40	18							
NPH050060	60	27							
NPH050075	75	34							
NPH050090	90	40							
NPH050125	125	56							
NPH065026	26	15	140,625 cmil 0.713 cm ²	0.0298 inch ² 0.192 cm ²	1.619 inch 4.11 cm	0.0483 inch ³ 0.789 cm ³	16.64*10.16*6.35	17.40*9.53*7.11	2750
NPH065040	40	24							
NPH065060	60	35							
NPH065075	75	43							
NPH065090	90	52							
NPH065125	125	72							
NPH068026	26	19	126,000 cmil 0.638 cm ²	0.0360 inch ² 0.232 cm ²	1.630 inch 4.14 cm	0.0587 inch ³ 0.961 cm ³	17.27*9.65*6.35	18.03*9.02*7.11	2750
NPH068040	40	28.5							
NPH068060	60	43							
NPH068075	75	53							
NPH068090	90	64							
NPH068125	125	89							
NPH080026	26	14	225,600 cmil 1.140 cm ²	0.0350 inch ² 0.226 cm ²	2.010 inch 5.09 cm	0.0704 inch ³ 1.151 cm ³	20.32*12.70*6.35	21.08*12.07*7.11	810
NPH080040	40	21							
NPH080060	60	32							
NPH080075	75	41							
NPH080090	90	49							
NPH080125	125	68							
NPH090026	26	19	277,700 cmil 1.410 cm ²	0.0513 inch ² 0.331 cm ²	2.230 inch 5.67 cm	0.1146 inch ³ 1.877 cm ³	22.86*13.97*7.62	23.62*13.39*8.38	810
NPH090040	40	29							
NPH090060	60	43							
NPH090075	75	54							
NPH090090	90	65							
NPH090125	125	90							
NPH092026	26	22	293,800 cmil 1.490 cm ²	0.0610 inch ² 0.388 cm ²	2.320 inch 5.88 cm	0.1415 inch ³ 2.281 cm ³	23.57*14.40*8.89	24.28*13.77*9.70	729
NPH092040	40	34							
NPH092060	60	51							
NPH092075	75	63							
NPH092090	90	76							
NPH092125	125	105							
NPH106026	26	32	308,000 cmil 1.560 cm ²	0.1014 inch ² 0.654 cm ²	2.500 inch 6.35 cm	0.2536 inch ³ 4.154 cm ³	26.92 *14.73 *11.18	27.70 *14.10 *11.99	448
NPH106040	40	50							
NPH106060	60	75							
NPH106075	75	94							
NPH106090	90	113							
NPH106125	125	157							

Part Number	Permeability (μ)	A _v ±8%	Window Area (Wa)	Cross Section (A)	Magnetic Path Length (ℓ)	Volume (V)	Dimensions (mm)		Package Unit (pcs/box)
							OD (max) * ID (min) * HT (max)		
							Before coating	After coating	
NPH107026	26	48	240,706 cmil 1.220 cm ²	0.1390 inch ² 0.897 cm ²	2.528 inch 6.42 cm	0.3514 inch ³ 5.758 cm ³	28.28 *13.10 *12.05	29.05 *12.47 *13.00	448
NPH107040	40	74							
NPH107060	60	112							
NPH107075	75	140							
NPH107090	90	168							
NPH107125	125	233							
NPH111026	26	34	365,897 cmil 1.854 cm ²	0.1088 inch ² 0.702 cm ²	2.622 inch 6.66 cm	0.2852 inch ³ 4.673 cm ³	28.35 *16.00 *11.80	29.15 *15.37 *12.60	448
NPH111040	40	52							
NPH111060	60	77							
NPH111075	75	96							
NPH111090	90	117							
NPH111125	125	162							
NPH114026	26	50	381,883 cmil 1.935 cm ²	0.1674 inch ² 1.080 cm ²	2.740 inch 6.96 cm	0.4656 inch ³ 7.630 cm ³	29.00 *16.50 *18.00	29.90 *15.70 *19.10	320
NPH114040	40	77							
NPH114060	60	116							
NPH114075	75	146							
NPH114090	90	175							
NPH114125	125	243							
NPH130026	26	28	577,600 cmil 2.930 cm ²	0.1042 inch ² 0.672 cm ²	3.210 inch 8.15 cm	0.3354 inch ³ 5.477 cm ³	33.02 *19.94 *10.67	33.83 *19.30 *11.61	252
NPH130040	40	41							
NPH130060	60	61							
NPH130075	75	76							
NPH130090	90	91							
NPH130125	125	127							
NPH131026	26	36	465,628 cmil 2.630 cm ²	0.1309 inch ² 0.844 cm ²	3.074 inch 7.81 cm	0.4193 inch ³ 6.871 cm ³	33.27 *18.00 *11.52	34.08 *17.36 *12.50	252
NPH131040	40	55							
NPH131060	60	83							
NPH131075	75	104							
NPH131090	90	125							
NPH131125	125	173							
NPH135026	26	16	788,500 cmil 4.010 cm ²	0.0704 inch ² 0.454 cm ²	3.530 inch 8.95 cm	0.2485 inch ³ 4.063 cm ³	34.29 *23.37 *8.89	35.20 *22.56 *9.83	288
NPH135040	40	25							
NPH135060	60	38							
NPH135075	75	47							
NPH135090	90	57							
NPH135125	125	79							
NPH140026	26	42	372,410 cmil 1.887 cm ²	0.1579 inch ² 1.019 cm ²	3.051 inch 7.75 cm	0.4692 inch ³ 7.688 cm ³	35.88 *16.35 *10.46	36.70 *15.50 *11.46	252
NPH140040	40	65							
NPH140060	60	97							
NPH140075	75	121							
NPH140090	90	145							
NPH140125	125	201							

Part Number	Permeability (μ)	A _v ±8%	Window Area (Wa)	Cross Section (A)	Magnetic Path Length (ℓ)	Volume (V)	Dimensions (mm)		Package Unit (pcs/box)
							OD (max) * ID (min) * HT (max)		
							Before coating	After coating	
NPH141026	26	24	719,100 cmil 3.629 cm ²	0.1051 inch ² 0.678 cm ²	3.540 inch 8.98 cm	0.3721 inch ³ 6.088 cm ³	35.81 *22.35 *10.46	36.70 *21.50 *11.28	252
NPH141040	40	37							
NPH141060	60	56							
NPH141075	75	70							
NPH141090	90	84							
NPH141125	125	117							
NPH157026	26	35	842,700 cmil 4.270 cm ²	0.1662 inch ² 1.072 cm ²	3.880 inch 9.84 cm	0.6449 inch ³ 10.549 cm ³	39.88 *24.13 *14.48	40.69 *23.32 *15.37	150
NPH157040	40	54							
NPH157060	60	81							
NPH157075	75	101							
NPH157090	90	121							
NPH157125	125	168							
NPH158026	26	53	700,415 cmil 3.550 cm ²	0.2382 inch ² 1.537 cm ²	3.744 inch 9.51 cm	0.9180 inch ³ 15.043 cm ³	40.13 *22.08 *17.00	40.94 *21.27 *17.89	125
NPH158040	40	81							
NPH158060	60	122							
NPH158075	75	153							
NPH158090	90	183							
NPH158125	125	254							
NPH168026	26	69	841,129 cmil 4.262 cm ²	0.3374 inch ² 2.177 cm ²	4.024 inch 10.22 cm	1.4178 inch ³ 23.234 cm ³	42.90 *24.20 *24.00	44.00 *23.30 *25.10	125
NPH168040	40	106							
NPH168060	60	159							
NPH168075	75	199							
NPH168090	90	238							
NPH168125	125	331.7							
NPH184026	26	59	842,700 cmil 4.270 cm ²	0.3080 inch ² 1.990 cm ²	4.230 inch 10.74 cm	1.3030 inch ³ 21.373 cm ³	46.74 *24.13 *18.03	47.63 *23.32 *18.92	125
NPH184040	40	90							
NPH184060	60	135							
NPH184075	75	169							
NPH184090	90	202							
NPH184125	125	281							
NPH185026	26	37	1,206,000 cmil 6.110 cm ²	0.2080 inch ² 1.340 cm ²	4.580 inch 11.63 cm	0.9526 inch ³ 15.584 cm ³	46.74 *28.70 *15.24	47.60 *27.69 *16.13	150
NPH185040	40	57							
NPH185060	60	86							
NPH185075	75	107							
NPH185090	90	128							
NPH185125	125	178							
NPH200026	26	32	1,484,000 cmil 7.500 cm ²	0.1940 inch ² 1.251 cm ²	5.020 inch 12.73 cm	0.9739 inch ³ 15.929 cm ³	50.80 *31.75 *13.46	51.69 *30.94 *14.35	96
NPH200040	40	49							
NPH200060	60	73							
NPH200075	75	91							
NPH200090	90	109							
NPH200125	125	152							

Part Number	Permeability (μ)	A _v ±8%	Window Area (Wa)	Cross Section (A)	Magnetic Path Length (ℓ)	Volume (V)	Dimensions (mm)		Package Unit (pcs/box)
							OD (max) * ID (min) * HT (max)		
							Before coating	After coating	
NPH225026	26	33	1,871,000 cmil 9.480 cm ²	0.2240 inch ² 1.444 cm ²	5.630 inch 14.30 cm	1.2610 inch ³ 20.650 cm ³	57.15 *35.56 *13.97	58.04 *34.75 *14.86	96
NPH225040	40	50							
NPH225060	60	75							
NPH225075	75	94							
NPH225090	90	112							
NPH225125	125	156							
NPH226026	26	60	1,014,049 cmil 5.140 cm ²	0.3550 inch ² 2.290 cm ²	4.930 inch 12.50 cm	1.7500 inch ³ 28.600 cm ³	57.15 *26.39 *15.24	58.04 *25.58 *16.13	96
NPH226040	40	92							
NPH226060	60	138							
NPH226075	75	172							
NPH226090	90	207							
NPH226125	125	287							
NPH250026	26	83	1,525,610 cmil 7.725 cm ²	0.5700 inch ² 3.675 cm ²	5.660 inch 14.37 cm	3.2230 inch ³ 52.810 cm ³	62.00 *32.60 *25.00	63.09 *31.31 *26.26	64
NPH250040	40	128							
NPH250060	60	192							
NPH250075	75	240							
NPH250090	90	288							
NPH250125	125	400							
NPH268026	26	62	1,898,526 cmil 9.620 cm ²	0.4811 inch ² 3.104 cm ²	6.429 inch 16.33 cm	3.0933 inch ³ 50.690 cm ³	68.00 *36.00 *20.00	69.40 *34.70 *21.40	36
NPH268040	40	95							
NPH268060	60	143							
NPH268075	75	179							
NPH268090	90	214							
NPH268125	125	294							
NPH290026	26	89	3,009,618 cmil 15.250 cm ²	0.7812 inch ² 5.040 cm ²	7.2362 inch 18.38 cm	5.6532 inch ³ 92.640 cm ³	74.10 *45.30 *35.00	75.20 *44.07 *36.27	27
NPH290040	40	137							
NPH290060	60	206							
NPH290075	75	257							
NPH290090	90	309							
NPH290125	125	424							
NPH300026	26	30	3,564,544 cmil 18.060 cm ²	0.2740 inch ² 1.770 cm ²	7.720 inch 19.61 cm	2.1220 inch ³ 34.770 cm ³	77.80 *49.23 *12.70	78.94 *47.96 *13.97	54
NPH300040	40	45							
NPH300060	60	68							
NPH300075	75	85							
NPH300090	90	102							
NPH300125	125	139							
NPH306026	26	37	3,564,544 cmil 18.060 cm ²	0.3440 inch ² 2.219 cm ²	7.720 inch 19.61 cm	2.6560 inch ³ 43.523 cm ³	77.80 *49.23 *15.88	78.94 *47.96 *17.15	54
NPH306040	40	57							
NPH306060	60	85							
NPH306075	75	107							
NPH306090	90	128							
NPH306125	125	174							
NPH400026	26	40	4,818,025 cmil 24.413 cm ²	0.4606 inch ² 2.972 cm ²	9.555 inch 24.27 cm	4.1010 inch ³ 72.122 cm ³	101.60 *57.15 *13.59	103.27 *55.75 *15.06	24
NPH400040	40	61.5							
NPH400060	60	92.3							
NPH400075	75	115							
NPH400090	90	139							
NPH400125	125	190							