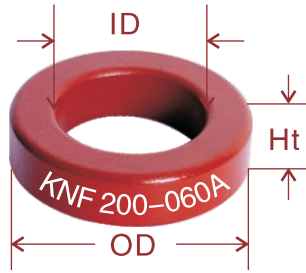


**TYPICAL PART NO. KNF 200-060 A**

KDM .Neu Flux™ Cores  
Size:OD in 100th inches  
Permeability( $\mu_e$ )  
Core Grading



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

$\ell_e$ : 平均磁路长度 ( Mean Magnetic Path Length)  
 $A_e$ : 横截面积(Cross Section Area)  
 $V$ : 磁芯体积(Core Volume)  
 $W$ : 窗口面积(Window Area)

**Physical Specifications**

Before Coating			After Coating			$\ell_e$ in/cm	$A_e$ in <sup>2</sup> /cm <sup>2</sup>	$V$ in <sup>3</sup> /cm <sup>3</sup>	$W$ in <sup>2</sup> /cm <sup>2</sup>
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
2.000 50.80	1.250 31.80	0.530 13.50	2.035 51.69	1.218 30.94	0.565 14.35	5.020 12.730	0.194 1.251	0.974 15.930	1.165 7.500

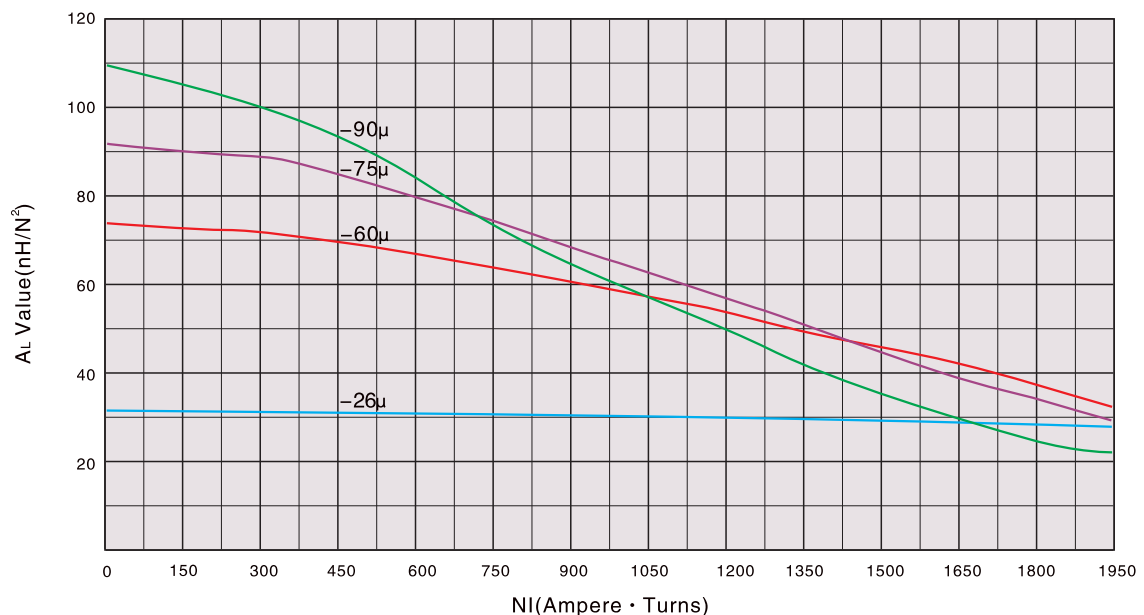
**Electrical Specifications**

KDM Part No.	Perm. $\mu_e$	$A_L$ $\pm 8\%$
KNF200-026A	26	32
KNF200-060A	60	73
KNF200-075A	75	91
KNF200-090A	90	109

**Magnet Wire Winding Data**

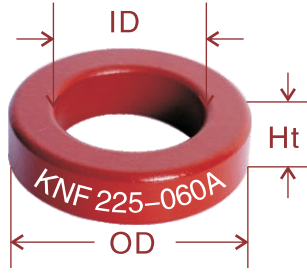
AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$
10	0.267	30	0.00539	19	0.0980	85	0.110
11	0.238	33	0.00754	20	0.0879	95	0.154
12	0.213	38	0.0105	21	0.0785	107	0.216
13	0.190	43	0.0147	22	0.0701	120	0.306
14	0.171	48	0.0205	23	0.0632	133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

**$A_L$  vs NI Curve (26 $\mu$ , 60 $\mu$ , 75 $\mu$ , 90 $\mu$ )**



TYPICAL PART NO. KNF 225-060 A

KDM Neu Flux™ Cores  
Size: OD in 100th inches  
Permeability ( $\mu_e$ )  
Core Grading



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

$l_e$ : 平均磁路长度 (Mean Magnetic Path Length)  
 $A_e$ : 横截面积 (Cross Section Area)  
 $V$ : 磁芯体积 (Core Volume)  
 $W$ : 窗口面积 (Window Area)

Physical Specifications

Before Coating			After Coating			$l_e$ in/cm	$A_e$ in <sup>2</sup> /cm <sup>2</sup>	$V$ in <sup>3</sup> /cm <sup>3</sup>	$W$ in <sup>2</sup> /cm <sup>2</sup>
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	5.630 14.300	0.224 1.444	1.260 20.650	1.470 9.480

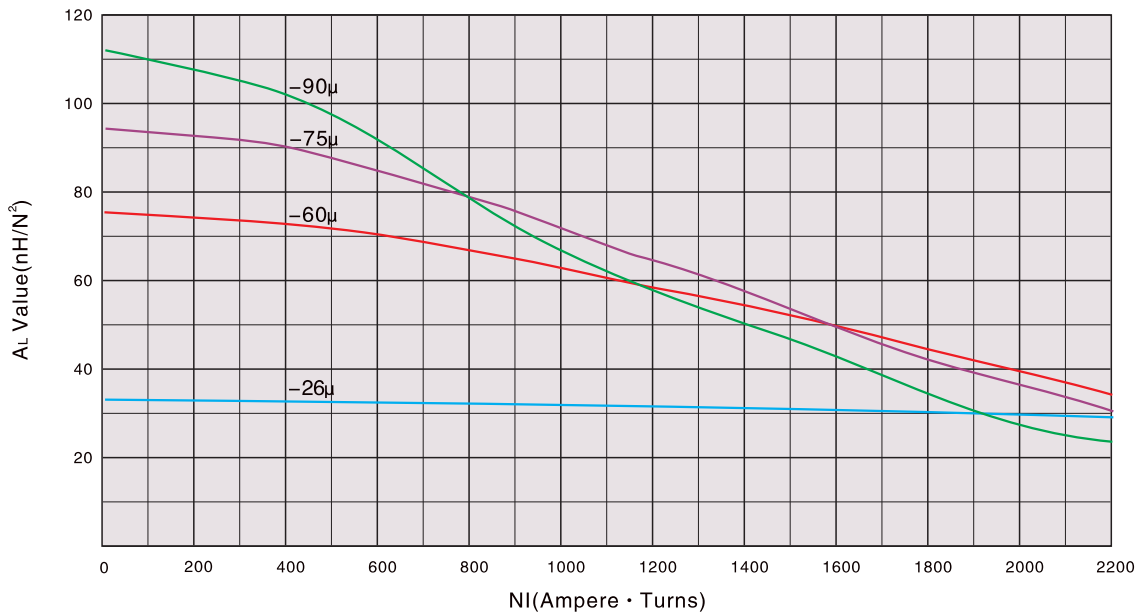
Electrical Specifications

KDM Part No.	Perm. $\mu_e$	$A_L$ $\pm 8\%$
KNF225-026A	26	33
KNF225-060A	60	75
KNF225-075A	75	94
KNF225-090A	90	112

Magnet Wire Winding Data

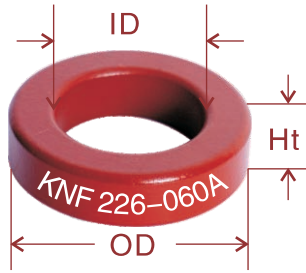
AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$
10	0.267	37	0.00644	19	0.0980	108	0.152
11	0.238	42	0.00920	20	0.0879	120	0.211
12	0.213	48	0.0133	21	0.0785	135	0.300
13	0.190	54	0.0188	22	0.0701	152	0.428
14	0.171	60	0.0263	23	0.0632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

$A_L$  vs NI Curve (26 $\mu$ , 60 $\mu$ , 75 $\mu$ , 90 $\mu$ )



TYPICAL PART NO. **KNF 226-060 A**

KDM .Neu Flux™ Cores  
Size:OD in 100th inches  
Permeability( $\mu_e$ )  
Core Grading



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

$\ell_e$ : 平均磁路长度 ( Mean Magnetic Path Length)  
 $A_e$ : 横截面积(Cross Section Area)  
 $V$ : 磁芯体积(Core Volume)  
 $W$ : 窗口面积(Window Area)

Physical Specifications

Before Coating			After Coating			$\ell_e$ in/cm	$A_e$ in <sup>2</sup> /cm <sup>2</sup>	$V$ in <sup>3</sup> /cm <sup>3</sup>	$W$ in <sup>2</sup> /cm <sup>2</sup>
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	4.930 12.500	0.355 2.290	1.750 28.600	0.796 5.140

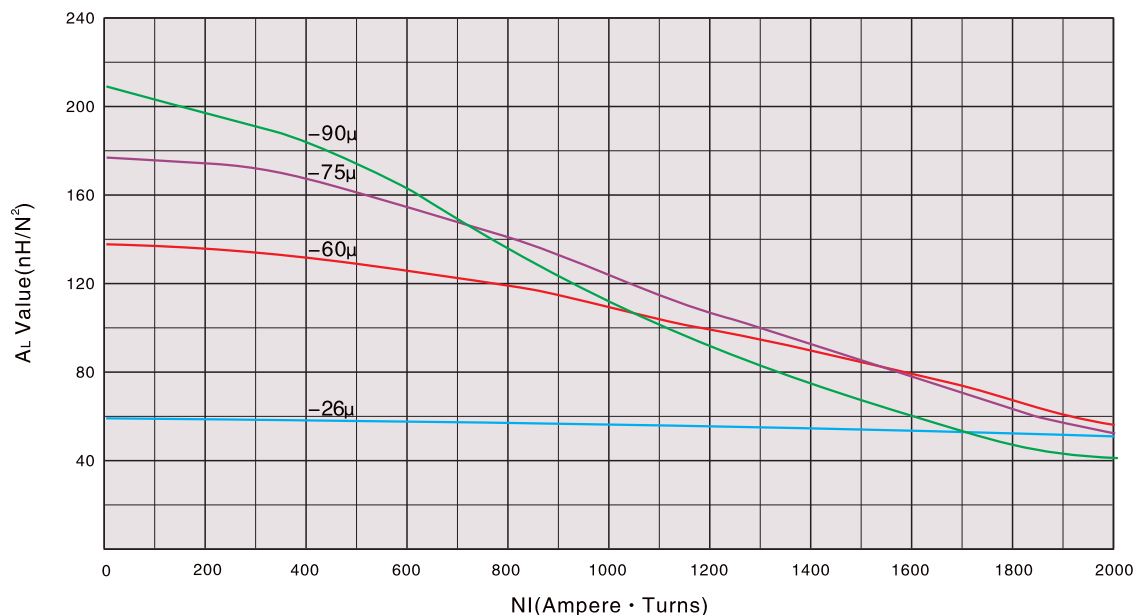
Electrical Specifications

KDM Part No.	Perm. $\mu_e$	$A_L$ $\pm 8\%$
KNF226-026A	26	60
KNF226-060A	60	138
KNF226-075A	75	175
KNF226-090A	90	207

Magnet Wire Winding Data

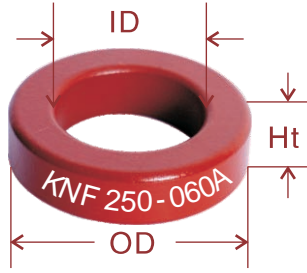
AWG Wire No. Dia.(cm)		Single Layer Turns Rdc, $\Omega$		AWG Wire No. Dia.(cm)		Single Layer Turns Rdc, $\Omega$	
10	0.267	26	0.00551	19	0.0980	78	0.133
11	0.238	30	0.00801	20	0.0879	88	0.189
12	0.213	34	0.0115	21	0.0785	99	0.269
13	0.190	39	0.0165	22	0.0701	111	0.381
14	0.171	43	0.0230	23	0.0632	124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

$A_L$  vs NI Curve (26 $\mu$ , 60 $\mu$ , 75 $\mu$ , 90 $\mu$ )



TYPICAL PART NO. KNF 250-060 A

KDM .Neu Flux™ Cores  
Size:OD in 100th inches  
Permeability( $\mu_e$ )  
Core Grading



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

$l_e$ : 平均磁路长度 ( Mean Magnetic Path Length)  
 $A_e$ : 横截面积(Cross Section Area)  
 $V$ : 磁芯体积(Core Volume)  
 $W$ : 窗口面积(Window Area)

Physical Specifications

Before Coating			After Coating			$l_e$ in/cm	$A_e$ in <sup>2</sup> /cm <sup>2</sup>	$V$ in <sup>3</sup> /cm <sup>3</sup>	$W$ in <sup>2</sup> /cm <sup>2</sup>
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	5.660 / 14.370	0.570 / 3.675	3.223 / 52.810	9.250 / 7.730

Electrical Specifications

KDM Part No.	Perm. $\mu_e$	$A_L$ $\pm 8\%$
KNF250-026A	26	83
KNF250-060A	60	192
KNF250-075A	75	240
KNF250-090A	90	288

Magnet Wire Winding Data

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

$A_L$  vs NI Curve(26 $\mu$ ,60 $\mu$ , 75 $\mu$ ,90 $\mu$ )

