

# OD132.5mm/5.2inches

## Magnetic Dimensions

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				
5.218 132.54	3.094 78.59	0.800 20.32	5.274 133.96	3.033 77.04	0.855 21.72	12.767 32.428	0.8288 5.3471	10.58 173.40	7.225 46.612

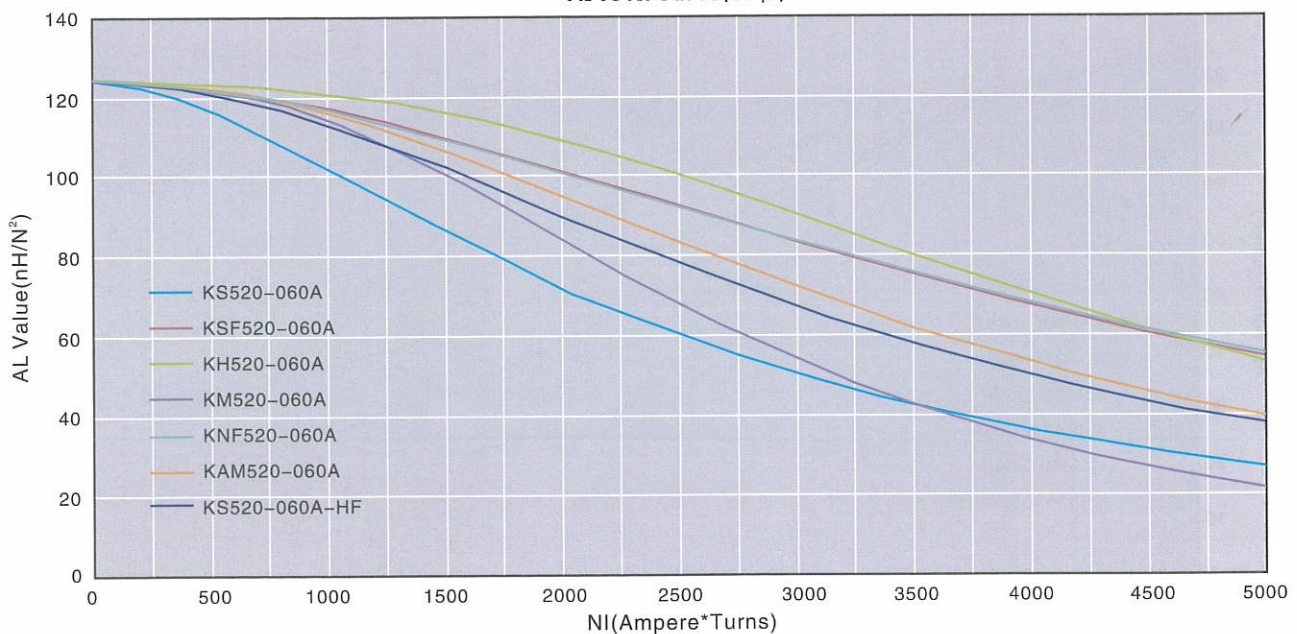
## Dimensions Table

KDM Part No.							Perm. ( $\mu$ )	$A_L$ $\pm 8\%$
Sendust	Si-Fe <sup>®</sup>	High Flux	MPP	Neu Flux <sup>®</sup>	KAM	KS-HF		
KS520-026A	KSF520-026A	KH520-026A	KM520-026A	KNF520-026A	KAM520-026A	KS520-026A-HF	26	54
KS520-060A	KSF520-060A	KH520-060A	KM520-060A	KNF520-060A	KAM520-060A	KS520-060A-HF	60	124
KS520-075A	KSF520-075A	—	—	KNF520-075A	KAM520-075A	KS520-075A-HF	75	155
KS520-090A	KSF520-090A	—	—	KNF520-090A	KAM520-090A	KS520-090A-HF	90	187
KS520-125A	—	KH520-125A	KM520-125A	—	KAM520-125A	KS520-125A-HF	125	259

## Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$
10	0.267	78	0.0266	16	0.137	155	0.203	22	0.0701	302	1.56
11	0.238	88	0.0374	17	0.122	173	0.284	23	0.0632	336	2.17
12	0.213	98	0.0524	18	0.109	193	0.400	24	0.0566	375	3.06
13	0.190	110	0.0735	19	0.0980	216	0.562	25	0.0505	420	4.31
14	0.171	123	0.103	20	0.0879	241	0.786				
15	0.153	138	0.144	21	0.0785	270	1.11				

$A_L$  vs NI Curve(60  $\mu$ )



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