

# 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	3.094	1.000	5.274	3.033	1.055	12.767	1.040	13.28	7.225
132.54	78.59	25.40	133.96	77.04	26.80	32.429	6.710	217.58	46.612

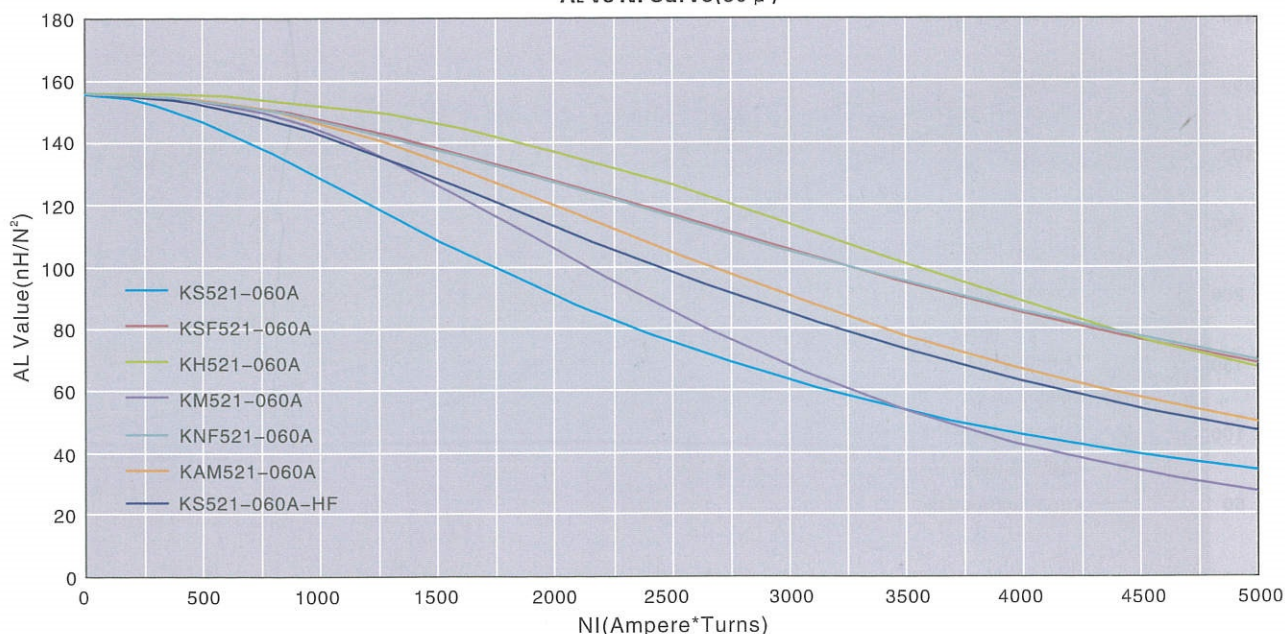
## Dimensions Table

KDM Part No.							Perm. ( $\mu$ )	$A_L$ $\pm 8\%$
Sendust	Si-Fe <sup>®</sup>	High Flux	MPP	Neu Flux <sup>®</sup>	KAM	KS-HF		
KS521-026A	KSF521-026A	KH521-026A	KM521-026A	KNF521-026A	KAM521-026A	KS521-026A-HF	26	67.6
KS521-060A	KSF521-060A	KH521-060A	KM521-060A	KNF521-060A	KAM521-060A	KS521-060A-HF	60	156
KS521-075A	KSF521-075A	—	—	KNF521-075A	KAM521-075A	KS521-075A-HF	75	195
KS521-090A	KSF521-090A	—	—	KNF521-090A	KAM521-090A	KS521-090A-HF	90	234
KS521-125A	—	KH521-125A	KM521-125A	—	KAM521-125A	KS521-125A-HF	125	325

## 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	0.0292	16	0.137	155	0.224	22	0.0701	302	1.73
11	0.238	88	0.0410	17	0.122	173	0.313	23	0.0632	336	2.40
12	0.213	98	0.0576	18	0.109	193	0.441	24	0.0566	375	3.38
13	0.190	110	0.0809	19	0.0980	216	0.620	25	0.0505	420	4.76
14	0.171	123	0.113	20	0.0879	241	0.867				
15	0.153	138	0.159	21	0.0785	270	1.22				

AL vs NI Curve(60  $\mu$ )



**Prodin Ferrite S.L.**

CalleA, 27, 08620 Sant Vicenç dels Horts, Barcelona (Spain)

Tel.: +34 93 672 46 10

[info@prodinferrite.com](mailto:info@prodinferrite.com) [www.prodinferrite.com](http://www.prodinferrite.com)