

# OD11.2mm/0.44inches

## 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				
0.440 11.20	0.250 6.35	0.156 3.96	0.468 11.89	0.232 5.89	0.186 4.72	1.08 2.690	0.0140 0.090	0.01487 0.243	0.04227 0.273

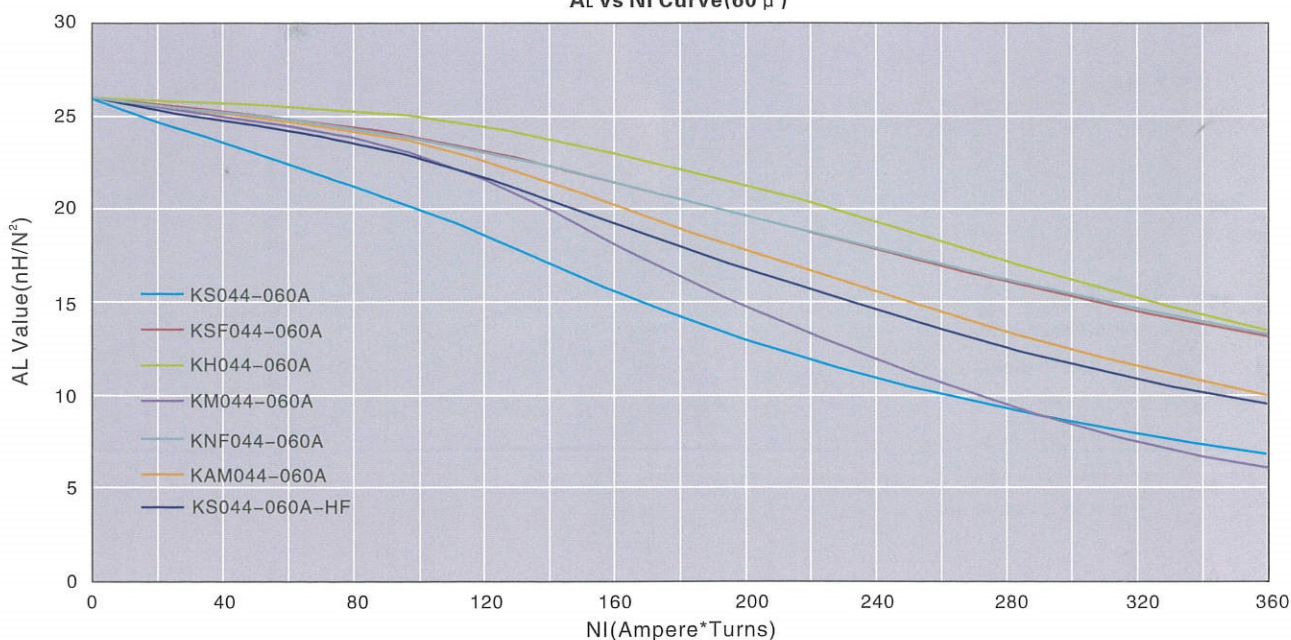
## Dimensions Table

KDM Part No.							Perm. ( $\mu$ )	$A_L$ $\pm 12\%$
Sendust	Si-Fe <sup>®</sup>	High Flux	MPP	Neu Flux <sup>®</sup>	KAM	KS-HF		
KS044-026A	KSF044-026A	KH044-026A	KM044-026A	KNF044-026A	KAM044-026A	KS044-026A-HF	26	11
KS044-060A	KSF044-060A	KH044-060A	KM044-060A	KNF044-060A	KAM044-060A	KS044-060A-HF	60	26
KS044-075A	KSF044-075A	—	—	KNF044-075A	KAM044-075A	KS044-075A-HF	75	32
KS044-090A	KSF044-090A	—	—	KNF044-090A	KAM044-090A	KS044-090A-HF	90	38
KS044-125A	—	KH044-125A	KM044-125A	—	KAM044-125A	KS044-125A-HF	125	53

## 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, $\Omega$
16	0.137	9	0.00299	22	0.0701	21	0.0212	28	0.0366	42	0.153
17	0.122	11	0.00412	23	0.0632	23	0.0292	29	0.0330	46	0.209
18	0.109	12	0.00572	24	0.0566	26	0.0406	30	0.0294	52	0.297
19	0.0980	14	0.00792	25	0.0505	29	0.0566	31	0.0267	58	0.410
20	0.0879	16	0.0109	26	0.0452	33	0.0792	32	0.0241	64	0.556
21	0.0785	18	0.0152	27	0.0409	37	0.109	33	0.0215	72	0.782

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



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