

# OD10.2mm/0.40inches

## 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				
0.400 10.20	0.200 5.08	0.156 3.96	0.425 10.80	0.180 4.57	0.181 4.60	0.906 2.380	0.01550 0.100	0.014 0.238	0.02545 0.164

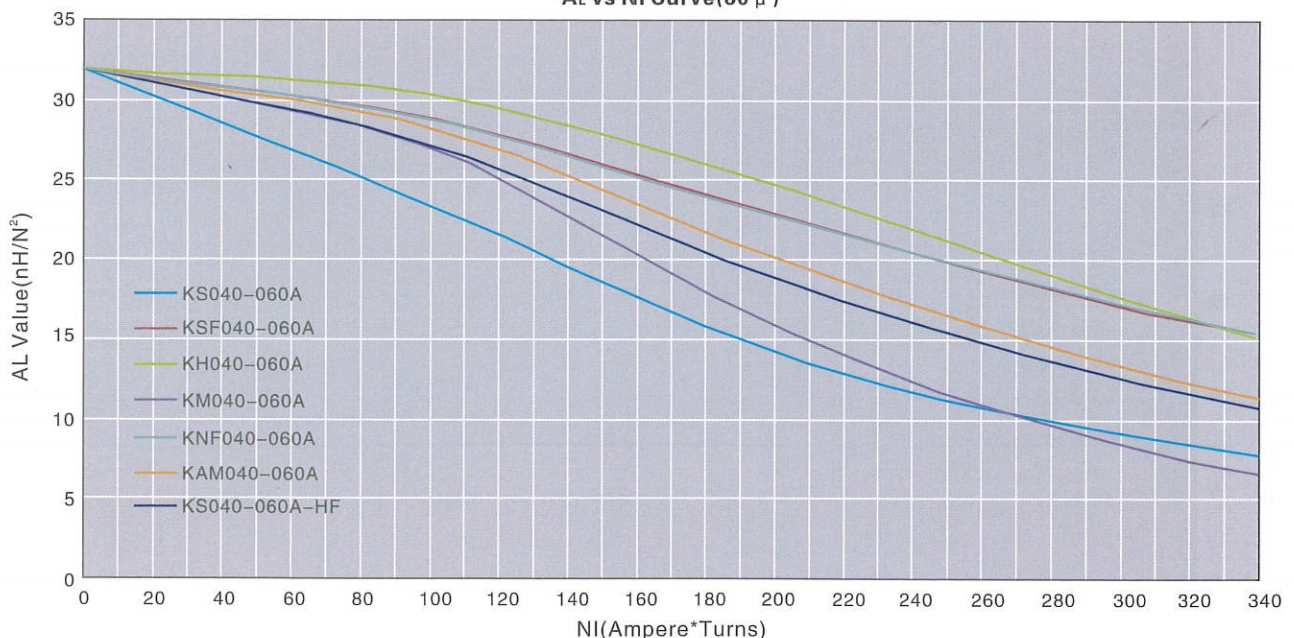
## Dimensions Table

KDM Part No.							Perm. ( $\mu$ )	$A_L$ $\pm 12\%$
Sendust	Si-Fe <sup>®</sup>	High Flux	MPP	Neu Flux <sup>®</sup>	KAM	KS-HF		
KS040-026A	KSF040-026A	KH040-026A	KM040-026A	KNF040-026A	KAM040-026A	KS040-026A-HF	26	14
KS040-060A	KSF040-060A	KH040-060A	KM040-060A	KNF040-060A	KAM040-060A	KS040-060A-HF	60	32
KS040-075A	KSF040-075A	—	—	KNF040-075A	KAM040-075A	KS040-075A-HF	75	40
KS040-090A	KSF040-090A	—	—	KNF040-090A	KAM040-090A	KS040-090A-HF	90	48
KS040-125A	—	KH040-125A	KM040-125A	—	KAM040-125A	KS040-125A-HF	125	66

## 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, $\Omega$
18	0.109	9	0.00442	24	0.0566	20	0.0315	30	0.0294	40	0.230
19	0.0980	10	0.00613	25	0.0505	22	0.0439	31	0.0267	44	0.317
20	0.0879	12	0.00847	26	0.0452	25	0.0614	32	0.0241	49	0.430
21	0.0785	13	0.0118	27	0.0409	28	0.0845	33	0.0216	55	0.605
22	0.0701	15	0.0164	28	0.0366	32	0.119	34	0.0191	62	0.862
23	0.0632	17	0.0226	29	0.0330	35	0.162	35	0.0170	70	1.21

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



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