

# OD42.9mm/1.68inches

## Magnetic Dimensions

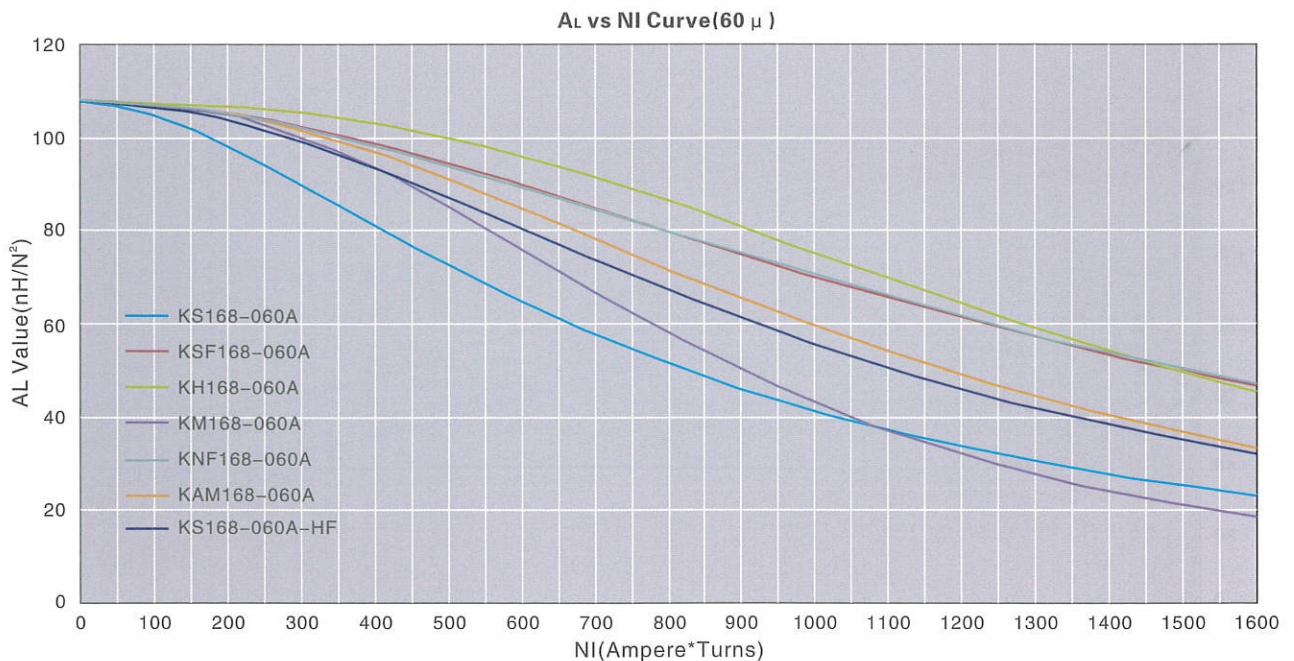
Before Coating			After Coating			$l_e$ in/cm	$A_e$ in <sup>2</sup> /cm <sup>2</sup>	$V$ in <sup>3</sup> /cm <sup>3</sup>	$W$ in <sup>2</sup> /cm <sup>2</sup>
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.689 42.90	0.953 24.20	0.640 16.26	1.732 44.00	0.917 23.30	0.676 17.16	4.04 10.216	0.229 1.475	0.96 15.741	0.5648 3.644

## 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		
KS168-026A	KSF168-026A	KH168-026A	KM168-026A	KNF168-026A	KAM168-026A	KS168-026A-HF	26	47
KS168-060A	KSF168-060A	KH168-060A	KM168-060A	KNF168-060A	KAM168-060A	KS168-060A-HF	60	108
KS168-075A	KSF168-075A	—	—	KNF168-075A	KAM168-075A	KS168-075A-HF	75	135
KS168-090A	KSF168-090A	—	—	KNF168-090A	KAM168-090A	KS168-090A-HF	90	161
KS168-125A	—	KH168-125A	KM168-125A	—	KAM168-125A	KS168-125A-HF	125	224

## 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			16	0.137			22	0.0566		
11	0.238			17	0.122			23	0.0505		
12	0.213	N.A	N.A	18	0.109	N.A	N.A	24	0.0452	N.A	N.A
13	0.190			19	0.0785			25	0.0409		
14	0.171			20	0.0701			26	0.0366		
15	0.153			21	0.0632			27	0.0330		



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