

# OD46.7mm/1.84inches

## Magnetic Dimensions

Before Coating			After Coating			$\ell_e$ 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				
1.840 46.70	1.130 28.70	0.600 15.20	1.875 47.63	1.098 27.89	0.635 16.13	4.58 11.630	0.208 1.340	0.953 15.530	0.6469 6.110

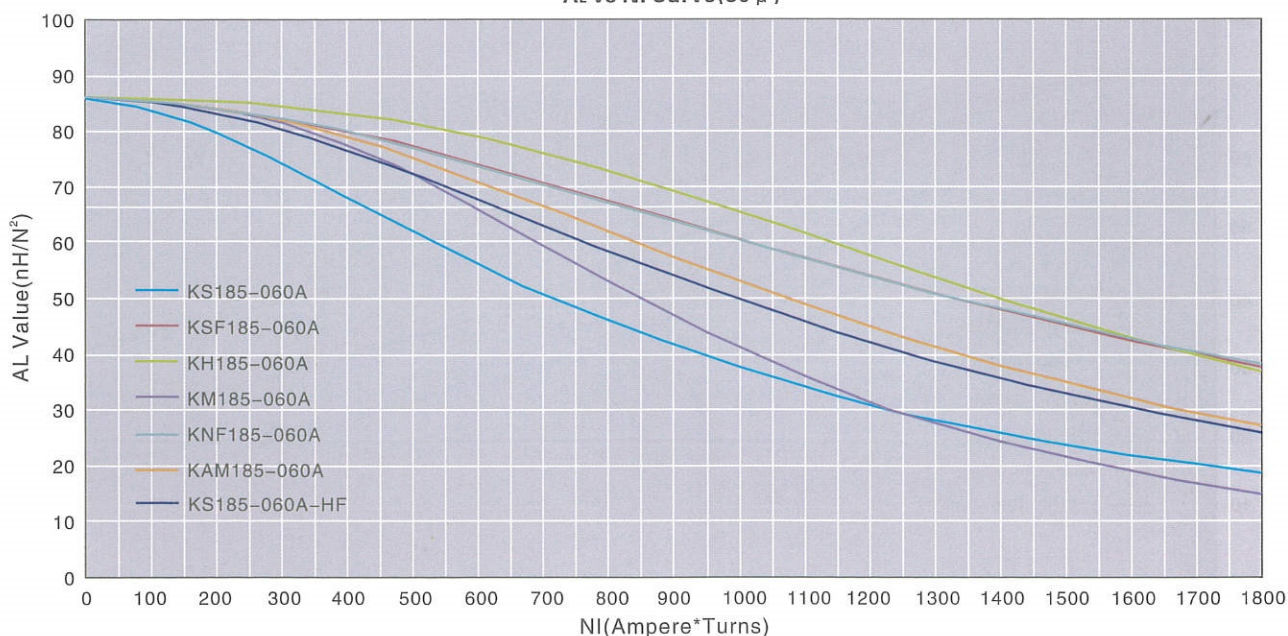
## Dimensions Table

KDM Part No.							Perm. ( $\mu$ )	$A_L$ $\pm 8\%$
Sendust	Si-Fe <sup>®</sup>	High Flux	MPP	Neu Flux <sup>®</sup>	KAM	KS-HF		
KS185-026A	KSF185-026A	KH185-026A	KM185-026A	KNF185-026A	KAM185-026A	KS185-026A-HF	26	37
KS185-060A	KSF185-060A	KH185-060A	KM185-060A	KNF185-060A	KAM185-060A	KS185-060A-HF	60	86
KS185-075A	KSF185-075A	—	—	KNF185-075A	KAM185-075A	KS185-075A-HF	75	107
KS185-090A	KSF185-090A	—	—	KNF185-090A	KAM185-090A	KS185-090A-HF	90	128
KS185-125A	—	KH185-125A	KM185-125A	—	KAM185-125A	KS185-125A-HF	125	178

## 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	26	0.00505	16	0.137	54	0.0380	22	0.0701	108	0.290
11	0.238	30	0.00708	17	0.122	61	0.0530	23	0.0632	120	0.402
12	0.213	34	0.0099	18	0.109	68	0.0745	24	0.0566	134	0.565
13	0.190	38	0.0139	19	0.0980	77	0.104	25	0.0505	150	0.795
14	0.171	43	0.0193	20	0.0879	86	0.146	26	0.0452	168	1.12
15	0.153	48	0.0270	21	0.0785	96	0.205	27	0.0409	186	1.56

AL vs NI Curve(60  $\mu$ )



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