

OD12.7mm/0.50inches

Magnetic Dimension

Before Coating			After Coating			l_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.500 12.70	0.300 7.62	0.187 4.75	0.530 13.46	0.275 6.99	0.217 5.51	1.229 3.120	0.01767 0.114	0.0217 0.356	0.05940 0.383

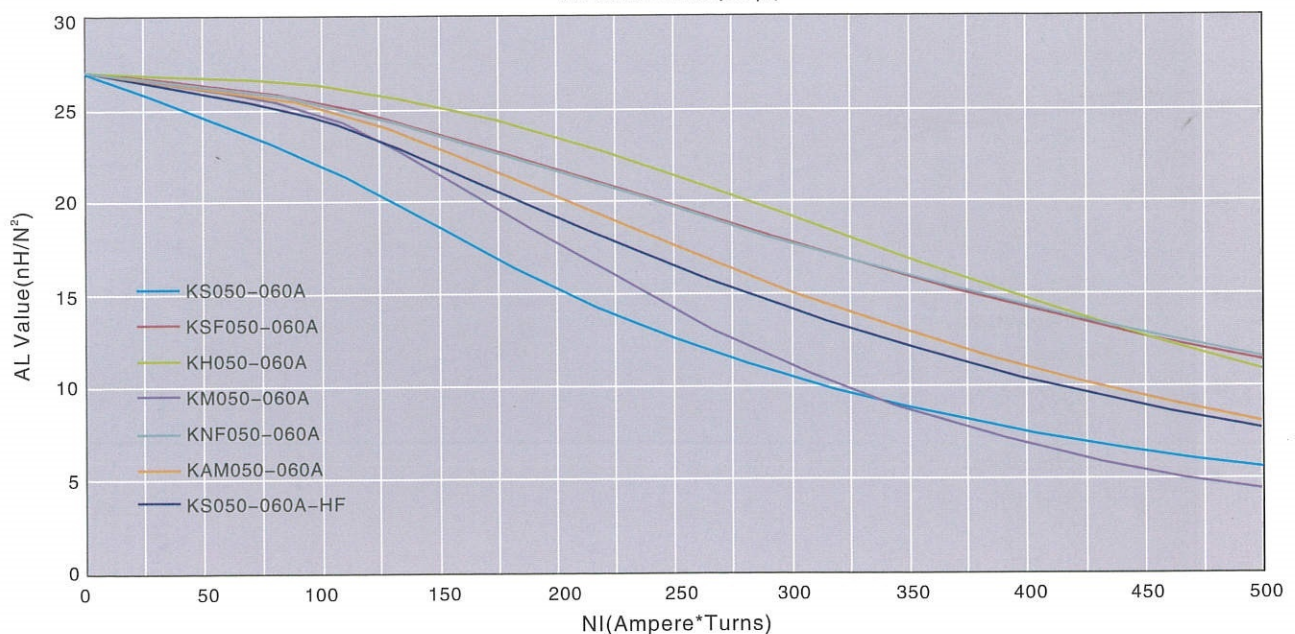
Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe [®]	High Flux	MPP	Neu Flux [®]	KAM	KS-HF		
KS050-026A	KSF050-026A	KH050-026A	KM050-026A	KNF050-026A	KAM050-026A	KS050-026A-HF	26	12
KS050-060A	KSF050-060A	KH050-060A	KM050-060A	KNF050-060A	KAM050-060A	KS050-060A-HF	60	27
KS050-075A	KSF050-075A	—	—	KNF050-075A	KAM050-075A	KS050-075A-HF	75	34
KS050-090A	KSF050-090A	—	—	KNF050-090A	KAM050-090A	KS050-090A-HF	90	40
KS050-125A	—	KH050-125A	KM050-125A	—	KAM050-125A	KS050-125A-HF	125	56

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
15	0.153	10	0.00271	21	0.0785	22	0.0193	27	0.0409	45	0.140
16	0.137	11	0.00376	22	0.0701	25	0.0270	28	0.0366	50	0.197
17	0.122	13	0.00520	23	0.0632	28	0.0371	29	0.0330	56	0.269
18	0.109	15	0.00722	24	0.0566	31	0.0518	30	0.0294	63	0.381
19	0.0980	17	0.0100	25	0.0505	35	0.0723	31	0.0267	69	0.527
20	0.0879	19	0.0139	26	0.0452	40	0.101	32	0.0241	73	0.716

A_L vs NI Curve(60 μ)



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