

OD40.13mm/1.58inches

Magnetic Dimensions

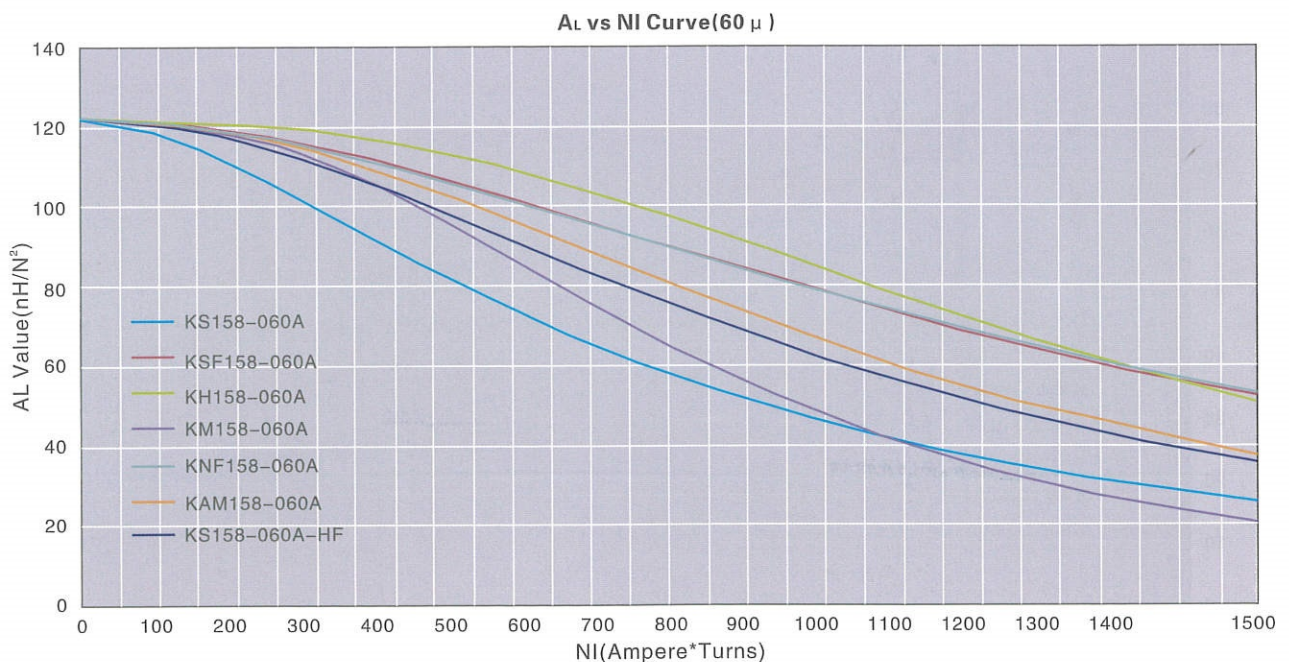
Before Coating			After Coating			l_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
1.580 40.13	0.869 22.08	0.669 17.00	1.611 40.94	0.837 21.27	0.704 17.89	0.374 9.510	0.060 1.5372	0.592 15.043	0.139 3.550

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe [®]	High Flux	MPP	Neu Flux [®]	KAM	KS-HF		
KS158-026A	KSF158-026A	KH158-026A	KM158-026A	KNF158-026A	KAH158-026A	KS158-026A-HF	26	53
KS158-060A	KSF158-060A	KH158-060A	KM158-060A	KNF158-060A	KAH158-060A	KS158-060A-HF	60	122
KS158-075A	KSF158-075A	—	—	KNF158-075A	KAH158-075A	KS158-075A-HF	75	152
KS158-090A	KSF158-090A	—	—	KNF158-090A	KAH158-090A	KS158-090A-HF	90	183
KS158-125A	—	KH158-125A	KM158-125A	—	KAH158-125A	KS158-125A-HF	125	254

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
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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