

OD20.3mm/0.80inches

Magnetic Dimensions

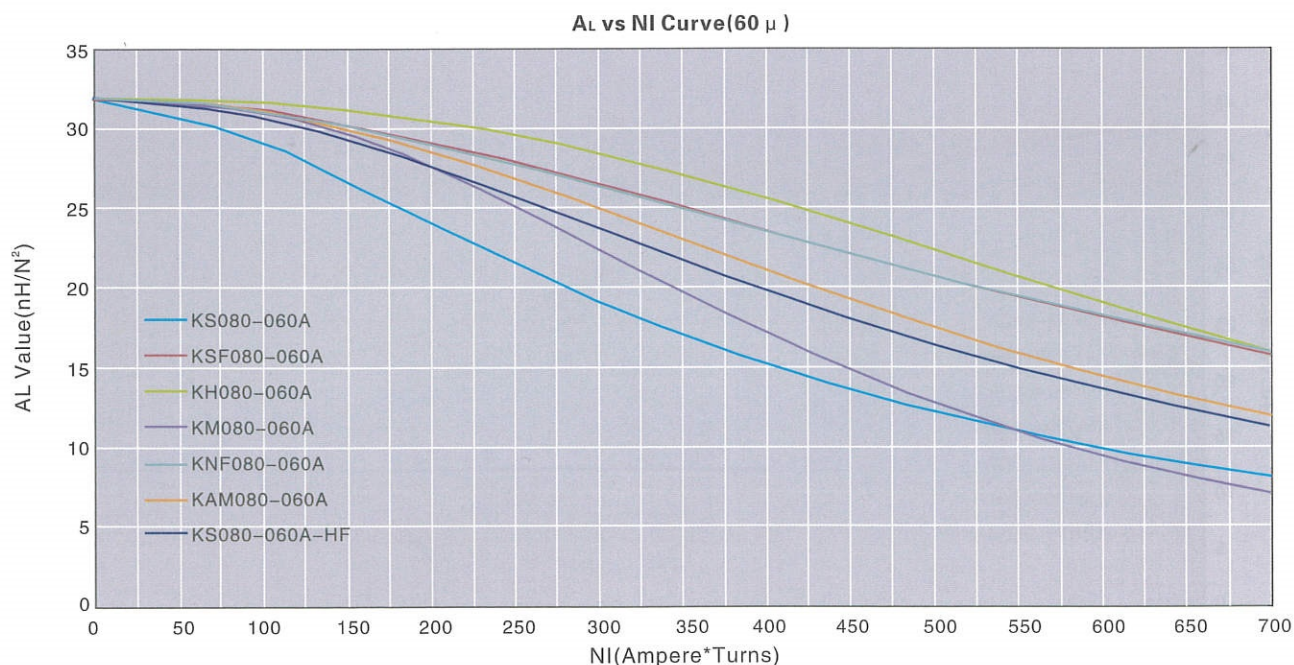
Before Coating			After Coating			l_e in/cm	A_e in ² /cm ²	V in ³ /cm ³	W in ² /cm ²
OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm	OD(Max) in/mm	ID(Min) in/mm	Ht(Max) in/mm				
0.800 20.30	0.500 12.70	0.250 6.35	0.830 21.10	0.475 12.07	0.286 7.11	2.01 5.090	0.0350 0.226	0.0703 1.150	0.1772 1.140

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe [®]	High Flux	MPP	Neu Flux [®]	KAM	KS-HF		
KS080-026A	KSF080-026A	KH080-026A	KM080-026A	KNF080-026A	KAM080-026A	KS080-026A-HF	26	14
KS080-060A	KSF080-060A	KH080-060A	KM080-060A	KNF080-060A	KAM080-060A	KS080-060A-HF	60	32
KS080-075A	KSF080-075A	—	—	KNF080-075A	KAM080-075A	KS080-075A-HF	75	41
KS080-090A	KSF080-090A	—	—	KNF080-090A	KAM080-090A	KS080-090A-HF	90	49
KS080-125A	—	KH080-125A	KM080-125A	—	KAM080-125A	KS080-125A-HF	125	68

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
12	0.213	13	0.00221	18	0.109	28	0.0159	24	0.0566	56	0.0117
13	0.190	15	0.00307	19	0.0980	32	0.0222	25	0.0505	63	0.0164
14	0.171	17	0.00424	20	0.0879	35	0.0308	26	0.0452	71	0.230
15	0.153	19	0.00590	21	0.0785	40	0.0430	27	0.0409	79	0.318
16	0.137	22	0.00822	22	0.0701	45	0.0604	28	0.0366	89	0.448
17	0.122	25	0.01114	23	0.0632	50	0.0834	29	0.0330	98	0.614



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OD22.9mm/0.90inches

磁芯尺寸 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				
0.900 22.9	0.550 14.07	0.300 7.62	0.930 23.62	0.527 13.39	0.330 8.38	2.23 5.670	0.0513 0.331	0.114 1.880	0.2181 1.410

规格型号 Dimensions Table

KDM Part No.							Perm. (μ)	
Sendust	Si-Fe [®]	High Flux	MPP	Neu Flux [®]	KAM	KS-HF		
KS090-026A	KSF090-026A	KH090-026A	KM090-026A	KNF090-026A	KAM090-026A	KS090-026A-HF	26	19
KS090-060A	KSF090-060A	KH090-060A	KM090-060A	KNF090-060A	KAM090-060A	KS090-060A-HF	60	43
KS090-075A	KSF090-075A	—	—	KNF090-075A	KAM090-075A	KS090-075A-HF	75	54
KS090-090A	KSF090-090A	—	—	KNF090-090A	KAM090-090A	KS090-090A-HF	90	65
KS090-125A	—	KH090-125A	KM090-125A	—	KAM090-125A	KS090-125A-HF	125	90

绕线参数 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
12	0.213	15	0.00276	18	0.109	31	0.0202	24	0.0566	63	0.150
13	0.190	17	0.00384	19	0.0980	35	0.0281	25	0.0505	71	0.210
14	0.171	19	0.00532	20	0.0879	40	0.0392	26	0.0452	79	0.295
15	0.153	22	0.00742	21	0.0785	45	0.0548	27	0.0409	88	0.409
16	0.137	25	0.0104	22	0.0701	50	0.0770	28	0.0366	99	0.577
17	0.122	28	0.0144	23	0.0632	56	0.107	29	0.0330	109	0.791

AL vs NI Curve(60 μ)

