

OD77.8mm/3.06inches

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				
3.063 77.80	1.938 49.20	0.625 15.90	3.108 78.90	1.898 48.20	0.670 17.02	7.86 19.950	0.352 2.270	2.77 45.300	2.800 17.990

Dimensions Table

KDM Part No.							Perm. (μ)	A_L $\pm 8\%$
Sendust	Si-Fe [®]	High Flux	MPP	Neu Flux [®]	KAM	KS-HF		
KS301-026A	KSF301-026A	KH301-026A	KM301-026A	KNF301-026A	KAM301-026A	KS301-026A-HF	26	37
KS301-060A	KSF301-060A	KH301-060A	KM301-060A	KNF301-060A	KAM301-060A	KS301-060A-HF	60	85
KS301-075A	KSF301-075A	—	—	KNF301-075A	KAM301-075A	KS301-075A-HF	75	107
KS301-090A	KSF301-090A	—	—	KNF301-090A	KAM301-090A	KS301-090A-HF	90	128
KS301-125A	—	KH301-125A	KM301-125A	—	KAM301-125A	KS301-125A-HF	125	178

Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω	No.	Dia.(cm)	Turns	Rdc, Ω
10	0.267	47	0.0110	16	0.137	95	0.0829	22	0.0701	187	0.634
11	0.238	53	0.0154	17	0.122	107	0.116	23	0.0632	208	0.880
12	0.213	60	0.0216	18	0.109	119	0.163	24	0.0566	232	1.24
13	0.190	68	0.0302	19	0.0980	134	0.228	25	0.0505	260	1.74
14	0.171	75	0.0420	20	0.0879	149	0.318	26	0.0452	290	2.45
15	0.153	85	0.0590	21	0.0785	167	0.449	27	0.0409	323	3.41

