



Nanodust

KAM-AH and KAM-AF are the next generation products of KAM.

The main characteristics of KAM-AH are high DC bias ability and low core loss.

It is a low-cost alternative to high flux ferronickel core.

The main feature of KAM-AF is that it has lower core loss, only half of Fe-Si-Al, and can be used at higher frequencies.



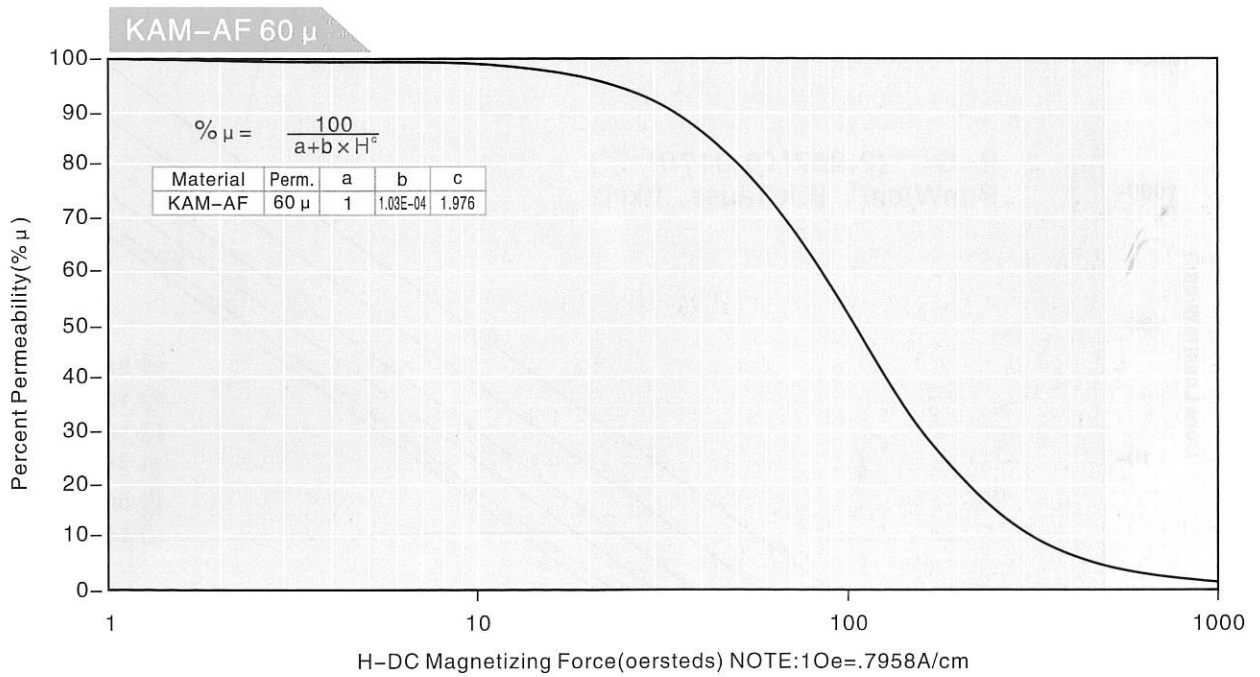
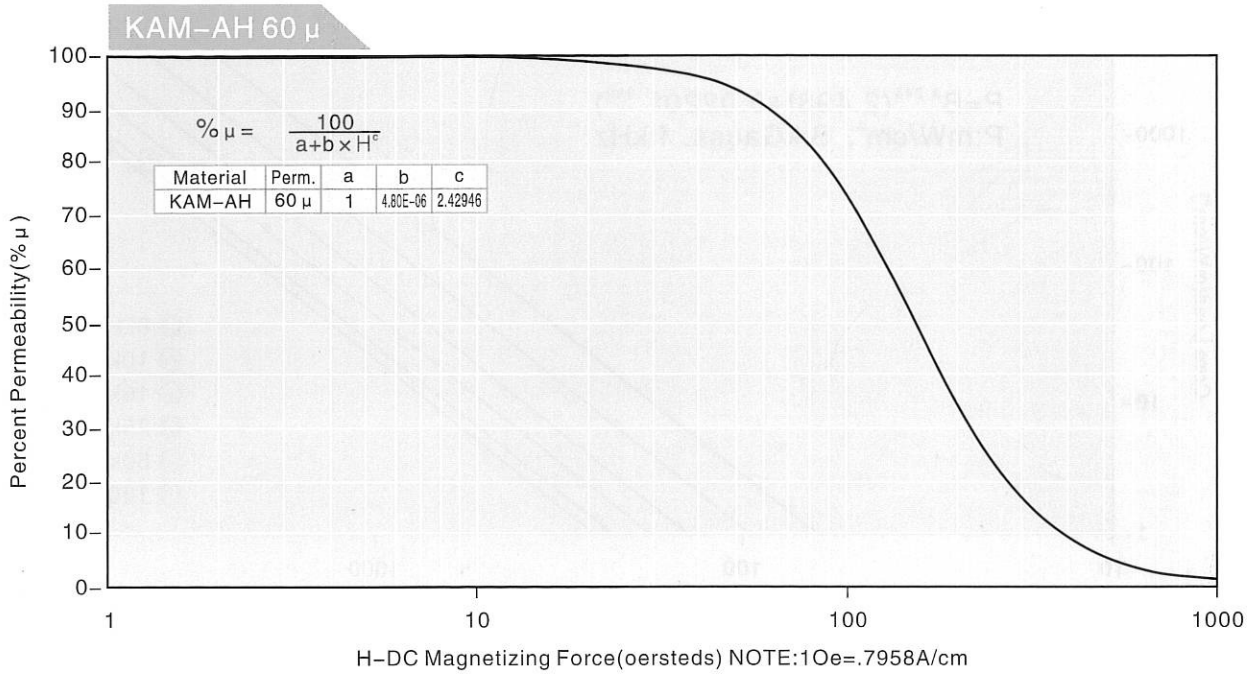
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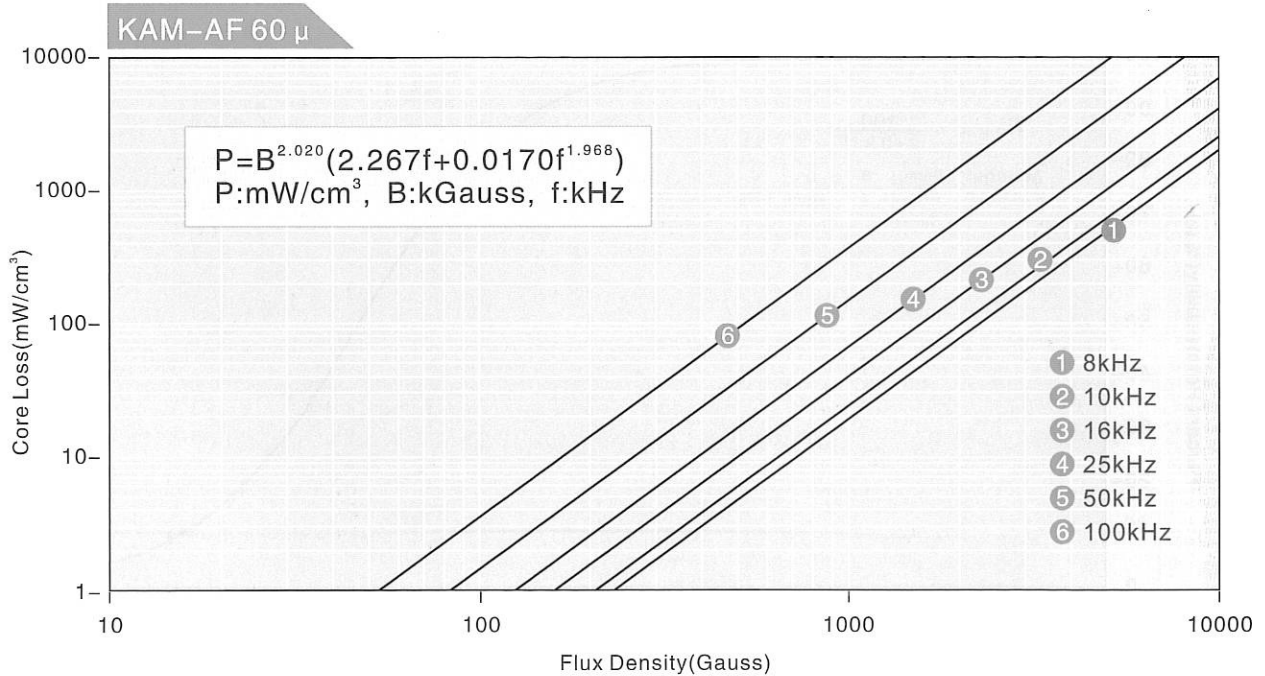
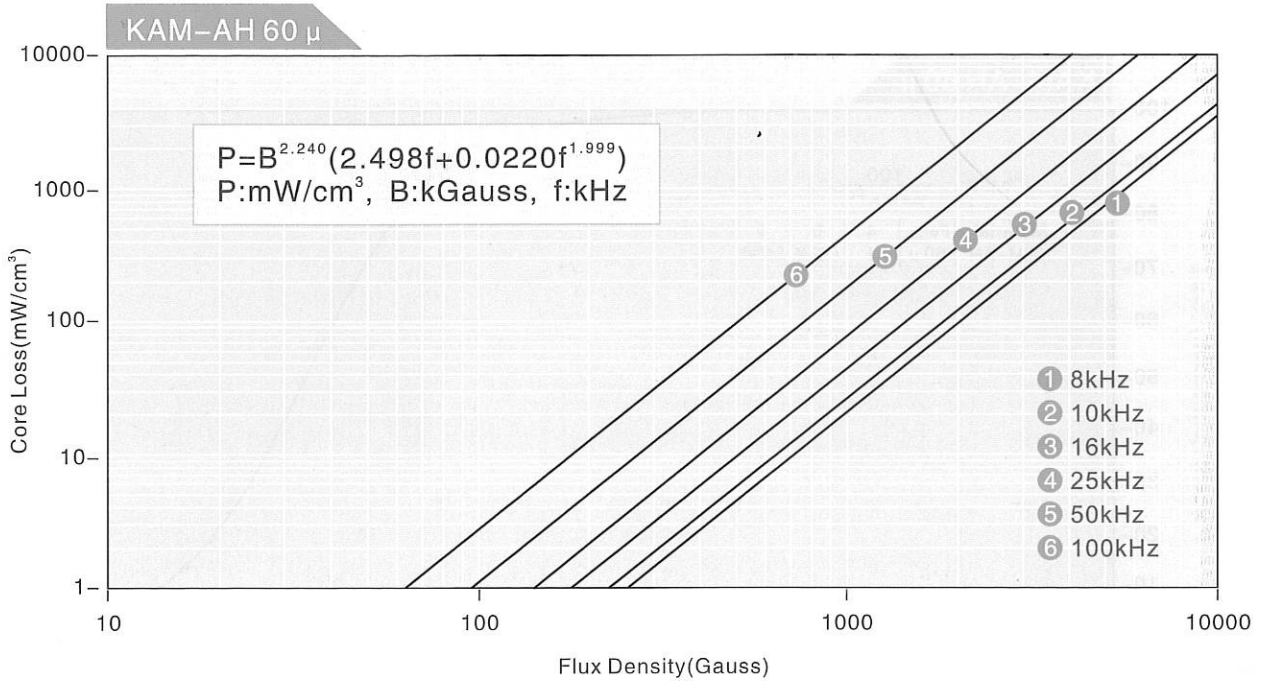
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Percent Change of Permeability vs .DC Magnetizing Force



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Typical Core Loss Curves



Specifications

PART NO.	Before Finish Dimensions			After Finish Dimensions			Path Length [cm]	Cross Section Area [cm ²]	AL (nH/N ²) ± 8%
	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX	OD(mm) MAX	ID(mm) MIN	HT(mm) MAX			
K□050	12.70	7.62	4.75	13.46	6.99	5.51	3.12	0.114	27
K□065	16.50	10.20	6.35	17.40	9.53	7.11	4.11	0.192	35
K□068	17.30	9.65	6.35	18.03	9.02	7.11	4.14	0.232	43
K□080	20.30	12.70	6.35	21.10	12.07	7.11	5.09	0.226	32
K□090	22.90	14.00	7.62	23.62	13.39	8.38	5.67	0.331	43
K□092	23.60	14.40	8.89	24.30	13.77	9.70	5.88	0.388	51
K□106	26.90	14.70	11.20	27.70	14.10	11.99	6.35	0.654	75
K□107	26.90	14.70	8.64	27.70	14.10	9.45	6.352	0.497	59
K□130	33.00	19.90	10.70	33.83	19.30	11.61	8.15	0.672	61
K□131	33.00	19.90	8.76	33.83	19.30	9.70	8.147	0.55116	51
K□132	33.00	19.90	11.18	33.83	19.30	11.99	8.147	0.6981	65
K□135	34.30	23.40	8.89	35.10	22.56	9.83	8.95	0.454	38
K□141	35.80	22.40	10.50	36.63	21.54	11.28	8.98	0.678	56
K□157	39.90	24.10	14.50	40.72	23.30	15.37	9.84	1.072	81
K□168	42.90	24.20	16.26	44.00	23.30	17.16	10.216	1.475	108
K□184	46.70	24.10	18.00	47.63	23.32	18.92	10.74	1.99	135
K□185	46.70	28.70	15.20	47.63	27.89	16.13	11.63	1.34	86
K□200	50.80	31.80	13.50	51.69	30.94	14.35	12.73	1.251	73
K□225	57.20	35.60	14.00	58.00	34.70	14.86	14.3	1.444	75
K□226	57.20	26.40	15.20	58.00	25.60	16.10	12.5	2.29	138