

# OD22.9mm/0.90inches

## Magnetic Dimensions

Before Coating			After Coating			$l_e$ in/cm	$A_e$ in <sup>2</sup> /cm <sup>2</sup>	$V$ in <sup>3</sup> /cm <sup>3</sup>	$W$ in <sup>2</sup> /cm <sup>2</sup>
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

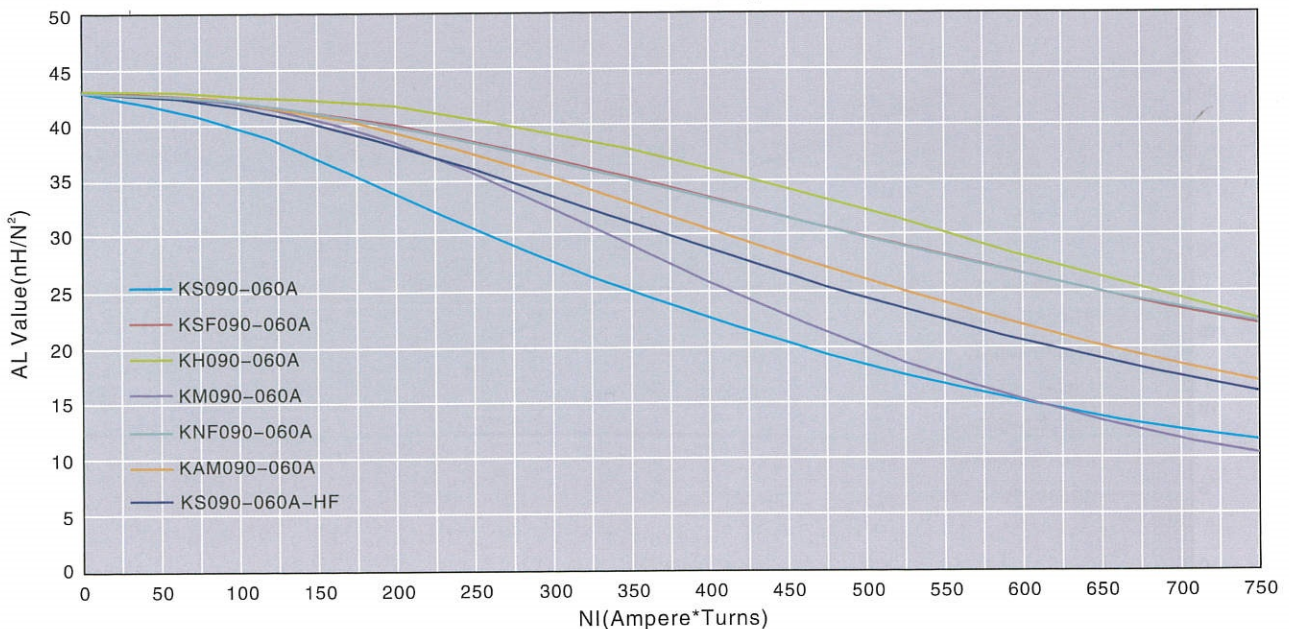
## Dimensions Table

KDM Part No.							Perm. ( $\mu$ )	
Sendust	Si-Fe <sup>®</sup>	High Flux	MPP	Neu Flux <sup>®</sup>	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

## Magnet Wire Winding Data

AWG Wire		Single Layer		AWG Wire		Single Layer		AWG Wire		Single Layer	
No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$	No.	Dia.(cm)	Turns	Rdc, $\Omega$
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  $\mu$ )



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