

# OD101.6mm/4.00inches

## 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				
4.000 101.60	2.250 57.15	0.650 16.51	4.050 103.12	2.195 55.75	0.700 17.78	9.555 24.271	0.5460 3.5226	5.217 85.495	3.784 24.413

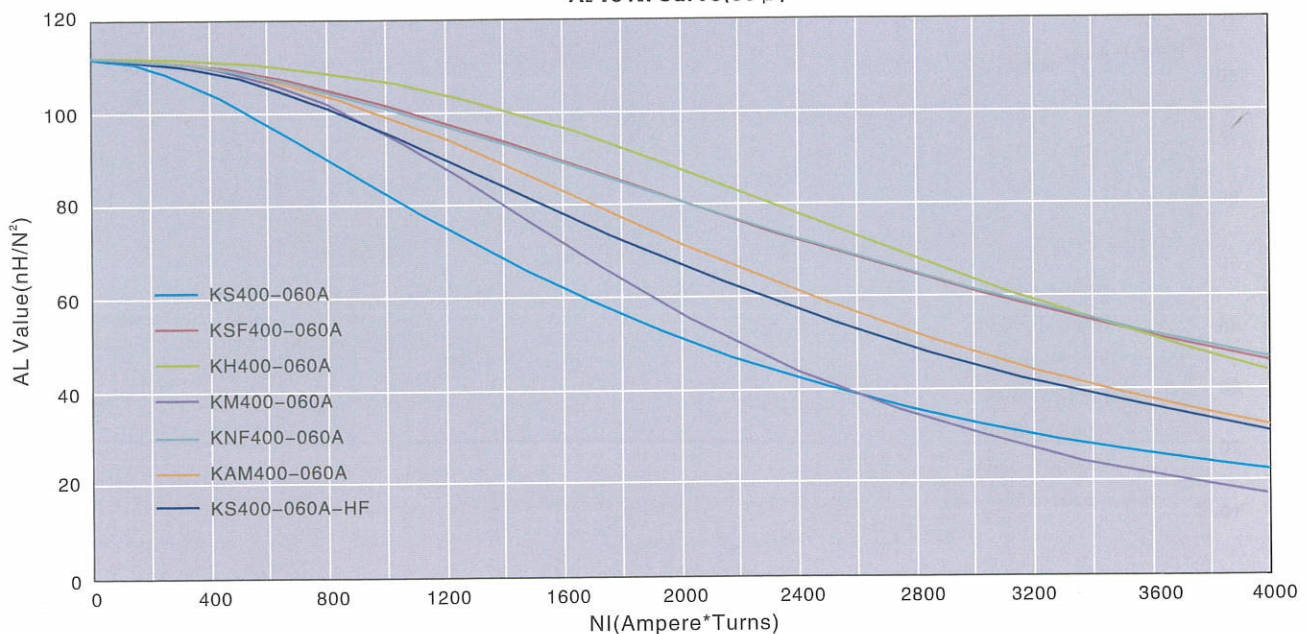
## Dimensions Table

KDM Part No.							Perm. ( $\mu$ )	$A_L$ $\pm 8\%$
Sendust	Si-Fe <sup>®</sup>	High Flux	MPP	Neu Flux <sup>®</sup>	KAM	KS-HF		
KS400-026A	KSF400-026A	KH400-026A	KM400-026A	KNF400-026A	KAM400-026A	KS400-026A-HF	26	48
KS400-060A	KSF400-060A	KH400-060A	KM400-060A	KNF400-060A	KAM400-060A	KS400-060A-HF	60	112
KS400-075A	KSF400-075A	—	—	KNF400-075A	KAM400-075A	KS400-075A-HF	75	137
KS400-090A	KSF400-090A	—	—	KNF400-090A	KAM400-090A	KS400-090A-HF	90	164
KS400-125A	—	KH400-125A	KM400-125A	—	KAM400-125A	KS400-125A-HF	125	228

## 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, $\Omega$
10	0.267	56	0.0158	16	0.137	111	0.120	22	0.0701	218	0.924
11	0.238	63	0.0222	17	0.122	124	0.168	23	0.0632	242	1.28
12	0.213	70	0.0311	18	0.109	139	0.236	24	0.0566	271	1.81
13	0.190	79	0.0436	19	0.0980	156	0.332	25	0.0505	303	2.54
14	0.171	88	0.0608	20	0.0879	174	0.464	26	0.0452	338	3.59
15	0.153	99	0.0854	21	0.0785	195	0.653	27	0.0409	376	4.99

$A_L$  vs NI Curve(60  $\mu$ )



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