

OD33.0mm/1.30inches

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 | | | | |
| 1.300 33.00 | 0.785 19.90 | 0.345 8.76 | 1.332 33.83 | 0.760 19.30 | 0.382 9.70 | 3.207 8.147 | 0.08543 0.55116 | 0.2740 4.4902 | 0.4537 2.9267 |

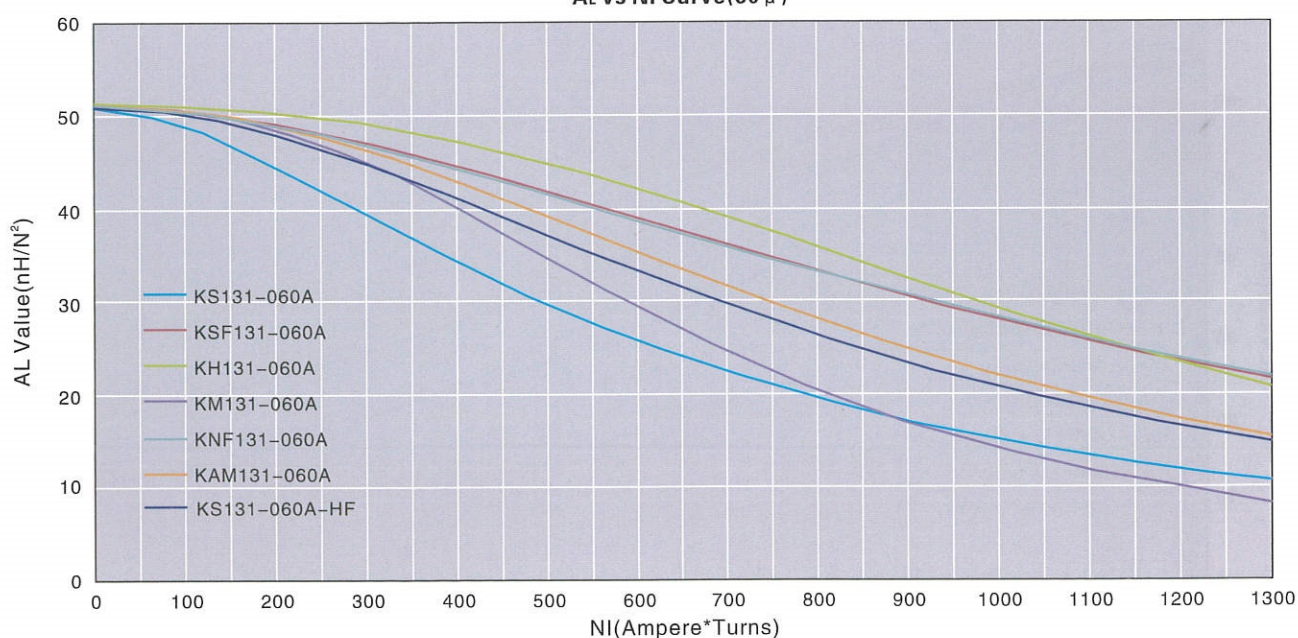
Dimensions Table

| KDM Part No. | | | | | | | Perm. (μ) | A_L $\pm 8\%$ |
|--------------|--------------------|------------|------------|-----------------------|-------------|---------------|--------------------|--------------------|
| Sendust | Si-Fe [®] | High Flux | MPP | Neu Flux [®] | KAM | KS-HF | | |
| KS131-026A | KSF131-026A | KH131-026A | KM131-026A | KNF131-026A | KAM131-026A | KS131-026A-HF | 26 | 22 |
| KS131-060A | KSF131-060A | KH131-060A | KM131-060A | KNF131-060A | KAM131-060A | KS131-060A-HF | 60 | 51 |
| KS131-075A | KSF131-075A | — | — | KNF131-075A | KAM131-075A | KS131-075A-HF | 75 | 64 |
| KS131-090A | KSF131-090A | — | — | KNF131-090A | KAM131-090A | KS131-090A-HF | 90 | 76.5 |
| KS131-125A | — | KH131-125A | KM131-125A | — | KAM131-125A | KS131-125A-HF | 125 | 109 |

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 | | | 18 | 0.109 | | | 24 | 0.0566 | | |
| 13 | 0.190 | | | 19 | 0.0980 | | | 25 | 0.0505 | | |
| 14 | 0.171 | N.A | N.A | 20 | 0.0879 | N.A | N.A | 26 | 0.0452 | N.A | N.A |
| 15 | 0.153 | | | 21 | 0.0785 | | | 27 | 0.0409 | | |
| 16 | 0.137 | | | 22 | 0.0701 | | | 28 | 0.0366 | | |
| 17 | 0.122 | | | 23 | 0.0632 | | | 29 | 0.0330 | | |

A_L vs NI Curve(60 μ)



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