Magnetizing datasheet (BH and phase error)
Nanocrystalline core for MV and HV current transformer

2018.7

Heff(mA/cm)	Bm(Gs)	δ (Deg)	Heff(mA/cm)	Bm(Gs)	δ (Deg)
0.4	36.5	0.6	6.4	1770	46.7
0.5	46	0.9	6.5	1830	47.3
0.6	55	1.0	6.6	1900	47.8
0.7	64	1.3	6.7	1960	48.3
0.8	73	1.5	6.8	2030	48.7
0.9	80	1.7	6.9	2100	49.1
1.0	90	2.0	7.0	2170	49.5
1.1	100	2.4	7.1	2230	49.9
1.2	110	2.9	7.2	2290	50.3
1.3	122	3.5	7.3	2370	50.7
1.4	130	4.2	7.4	2440	51.1
1.5	140	4.8	7.5	2520	51.5
1.6	150	5.5	7.6	2590	51.9
1.7	165	6.4	7.7	2660	52.2
1.8	178	8.4	7.8	2730	52.6
1.9	195	9.2	7.9	2790	52.9
2.0	210	10.0	8.0	2870	53.3
2.1	230	11.1	8.1	2950	53.6
2.2	243	12.3	8.2	3050	53.9
2.3	265	13.5	8.3	3110	54.2
2.4	280	14.5	8.4	3200	54.5
2.5	295	15.7	8.5	3270	54.8
2.6	320	16.7	8.6	3350	55.0
2.7	340	18.1	8.7	3450	55.3
2.8	358	19.5	8.8	3530	55.5
2.9	380	20.6	8.9	3630	55.7
3.0	402	21.8	9.0	3730	56.0
3.1	430	22.7	9.1	3810	56.2
3.2	456	24.0	9.2	3910	56.5
3.3	485	25.1	9.3	4000	56.6
3.4	510	26.1	9.4	4090	56.7
3.5	540	27.1	9.5	4190	56.9
3.6	570	28.0	9.6	4290	56.9
3.7	600	29.0	9.7	4390	57.1
3.8	630	29.9	9.8	4490	57.2
3.9	660	30.8	9.9	4590	57.3
4.0	690	31.7	10.0	4680	57.2
4.1	725	32.5	10.1	4770	57.2
4.2	760	33.3	10.2	4840	57.1
4.3	800	34.1	10.3	4930	56.9
4.4	830	34.7	10.4	5000	56.8
4.5	870	35.5	10.5	5070	56.6
4.6	910	36.4	10.6	5140	56.4
4.7	970	37.1	10.7	5220	56.2
4.8	993	37.8	10.8	5290	56.0
4.9	1030	38.4	10.9	5350	55.8
5.0	1060	39.1	11.0	5415	55.5
5.1	1100	39.7	11.1	5470	55.3
5.2	1160	40.4	11.2	5550	55.0
5.3	1210	41.0	11.3	5580	54.9
5.4	1250	41.6	11.4	5630	54.5
5.5	1300	42.1	11.5	5665	54.3
5.6	1350	42.7	11.6	5710	54.1
5.7	1390	43.3	11.7	5740	53.7
5.8	1440	43.8	11.8	5770	53.5
5.9	1490	44.3	11.9	5810	53.2
6.0	1540	44.8	12.0	5840	52.9
6.1	1590	45.3	12.1	5860	52.5
6.2	1650	45.8	12.2	5880	52.1
6.3	1710	46.3	12.3	5900	51.8

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Heff(mA/cm)	Bm(Gs)	δ (Deg)	Heff(mA/cm)	Bm(Gs)	δ (Deg)
12.4	5920	51.3	22.6	7915	33.0
12.5	5940	51.1	22.8	7935	32.7
12.6	6065	51.7	23.0	7955	32.5
12.7	6100	51.5	23.2	7970	32.2
12.8	6130	51.1	23.4	7985	32.0
12.9	6170	50.9	23.6	8003	31.7
13.0	6210	50.7	23.8	8020	31.4
13.1	6240	50.5	24.0	8045	31.1
13.2	6270	50.2	24.5	8090	30.5
13.3	6310	49.9	25.0	8130	29.8
13.4	6345	49.7	25.5	8170	29.1
13.5	6380	49.5	26.0	8210	28.5
13.6	6400	49.1	26.5	8250	27.8
13.7	6425	49.0	27.0	8290	27.2
13.8	6450	48.8	27.5	8330	26.6
13.9	6490	48.5	28.0	8360	26.0
14.0	6510	48.3	28.5	8400	25.4
14.1	6530	48.1	29.0	8430	24.8
14.2	6570	47.9	29.5	8460	24.2
14.3	6590	47.7	30.0	8490	23.7
14.4	6610	47.5	30.5	8520	23.3
14.5	6640	47.3	31.0	8550	22.7
14.6	6670	47.1	31.5	8580	22.3
14.8	6710	46.5	32.0	8610	21.8
15.0	6770	46.1	32.5	8637	21.5
15.2	6825	45.7	33.0	998	21.2
15.4	6870	45.3	33.5	8684	20.7
15.6	6910	44.8	34.0	8710	20.4
15.8	6950	44.4	34.5	8730	20.1
16.0	6990	43.9	35.0	8758	19.8
16.2	7030	43.5	35.5	8780	19.5
16.4	7070	43.1	36.0	8800	19.2
16.6	7110	42.7	36.5	8820	18.9
16.8	7150	42.3	37.0	8845	18.7
17.0	7190	41.9	37.5	8870	18.4
17.2	7230	41.6	38.0	8886	18.2
17.4	7270	41.2	38.5	8910	17.9
17.6	7300	40.8	39.0	8930	17.7
17.8	7330	40.5	39.5	8968	17.5
18.0	7360	40.1	40.0	868	17.3
18.2	7390	39.9	40.5	9000	17.1
18.4	7420	39.5	41.0	9020	16.9
18.6	7445	39.2	41.5	9040	16.7
18.8	7470	38.8	42.0	9054	16.6
19.0	7500	38.5	42.5	9070	16.4
19.2	7530	38.1	43.0	9085	16.3
19.4	7557	37.8	43.5	9103	16.2
19.6	7580	37.4	44.0	9120	16.0
19.8	7610	37.1	44.5	9140	15.9
20.0	7630	36.9	45.0	9157	15.7
20.2	7660	36.6	45.5	9175	15.6
20.4	7680	36.3	46.0	9188	15.4
20.6	7700	36.0	46.5	9203	15.3
20.8	7720	35.7	47.0	9220	15.2
21.0	7750	35.3	47.5	9235	15.1
21.2	7768	35.0	48.0	9250	15.0
21.4	7790	34.7	48.5	9265	14.8
21.6	7810	34.4	49.0	9280	14.8
21.8	7825	34.1	49.5	9290	14.7
22.0	7854	33.9	50.0	9310	14.6
22.2	7875	33.7	70.0	9800	14.1
22.4	7895	33.4	90.0	9900	13.9