

Transformer Core Curves

	Voltage (%)	Induction (T)	I ₀ magnetisation (%)	Voltage	I ₀ magnetisation LV (A)	I ₀ magnetisation HV (A)	Core Loss (W)
1.678 3464.1 66.1	5	0.084	0.001	32	0.035	0.001	20
	10	0.168	0.003	63	0.104	0.002	51
	25	0.420	0.012	158	0.416	0.008	217
	50	0.839	0.039	315	1.351	0.026	710
	75	1.259	0.082	473	2.841	0.054	1479
	90	1.510	0.118	567	4.088	0.078	2108
	100	1.678	0.173	630	5.993	0.114	2707
	105	1.762	0.252	662	8.730	0.167	3096
	110	1.846	0.423	693	14.653	0.280	3605
	115	1.930	0.929	725	32.181	0.614	4330
	120	2.014	3.537	756	122.525	2.338	5348
	125	2.098	4.547	788	157.513	3.006	6875

Induction at Nominal Voltage (T)	1.678
Nominal LV Current (A)	3464.1
Nominal HV Current (A)	66.1

