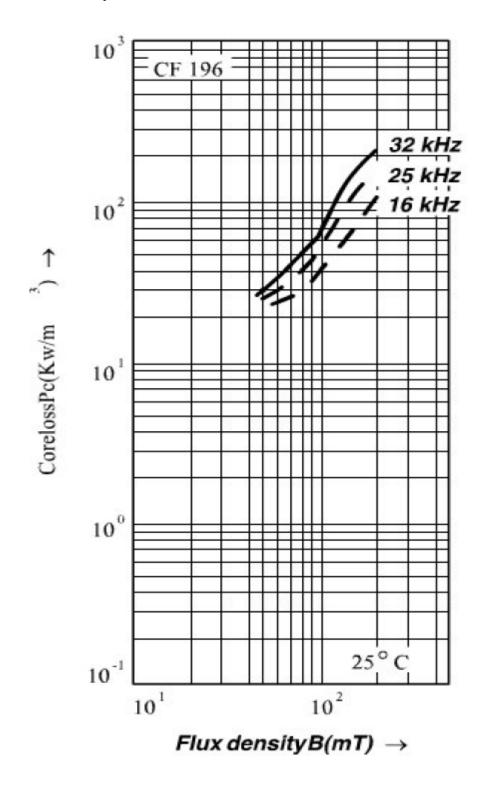
Material Properties

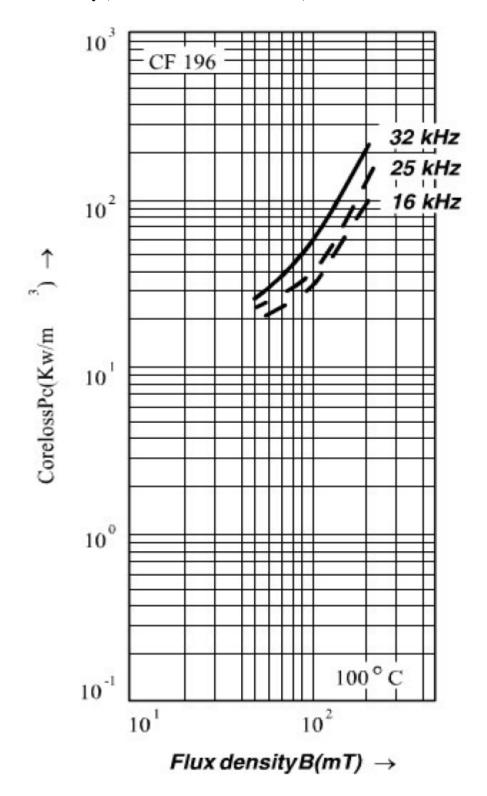
Material	CF 196
Base Material	MnZn

Property	Symbol	Unit	
Initial Permeability $(T = 25 ^{0}C)$	$\mu_{\rm i}$		2000±20%
Flux density	$B_{\rm s} (25{}^{0}{\rm C})$	mT	500
H = 1000 A/m, f = 10 kHz)	$B_{\rm s} (100{}^{0}{\rm C})$	mT	400
Residual Flux Density	Br (25 °C)	mT	210
Coercivity	Hc (25 °C)	A/m	16
Power loss density 16 kHz, 200 mT, 25 °C 100 °C 25 kHz, 200 mT, 25 °C 100 °C	$P_{\rm v}$	kW/m ³	≤120 ≤110 ≤160 ≤140
Curie Temperature	T _c	⁰ C	>220 °C
Resistivity	ρ	Ωm	0.4
Density	d	Kg/m ³	4800
Core Shapes			Toroids, E, UU, EFC, EVD, EI, EFF, EC, ETD,EER,RM,PQ, POT,PTS, EP,

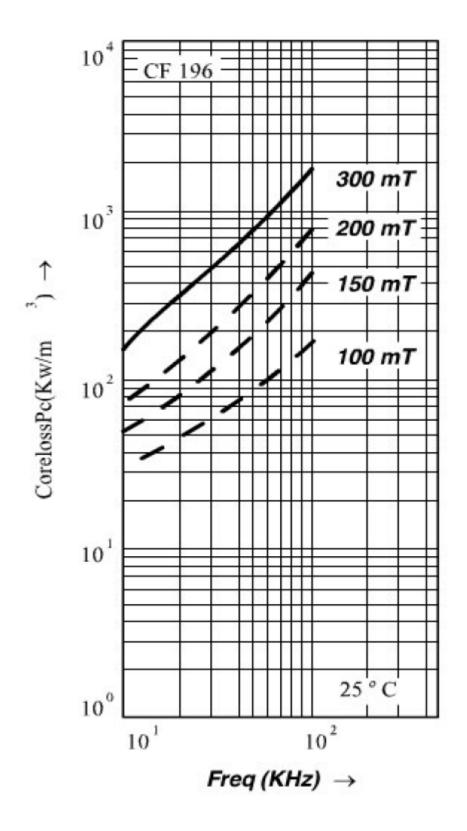
Core loss Vs Flux Density (Measured on T2512 Toroids)



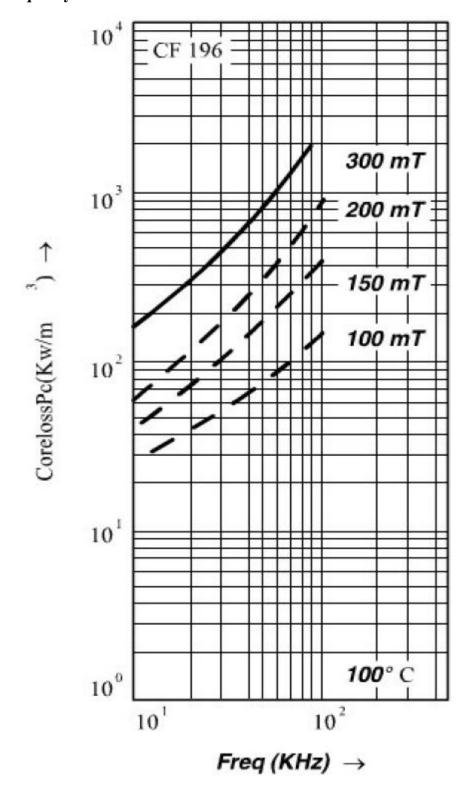
Core loss Vs Flux Density (Measured on T2512 Toroids)



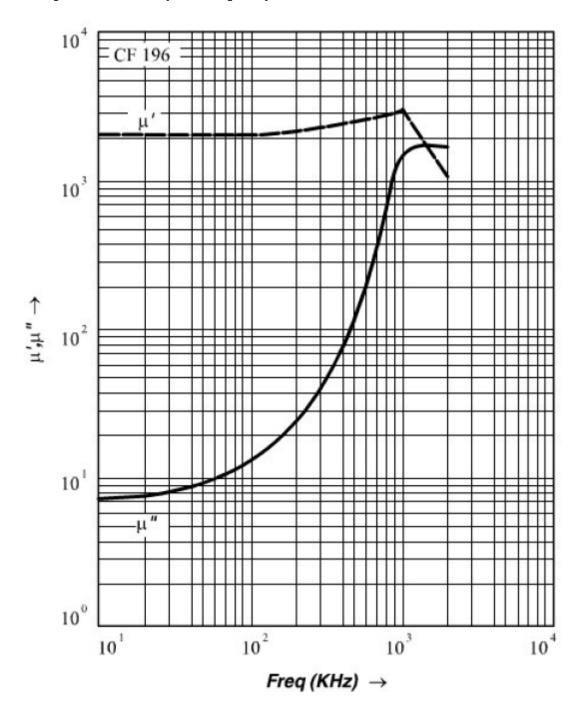
Core loss Vs Frequency (Measured on T2512 Toroids)



Core loss Vs Frequency



Complex Permeability Vs Frequency



B-H as a Function of Temperature

