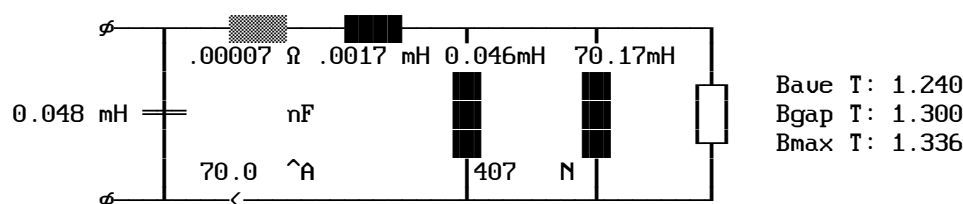


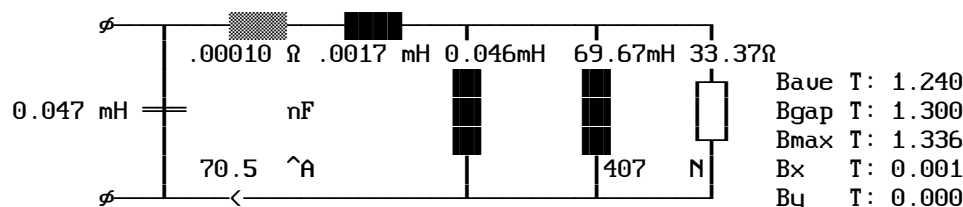
	L mH I ^A	1---	2---	3---	4---	5---	6---	7---	8---
Schema :1.	0.04 70.	Harmo. -:1	0						
L-Type *:1.		Curre. A:50	500						
Wire -:6.		Angle °:0.	0.						
Ins/L μ:200.									
Ins/E μ:200.									
Al/Cu -:1.									
Fre.Hz:150									
Ripple %:10.									

Q-Factor :100	Steel -:4	Cooling *:1	Bobbin -:1
Kal.Freq.Hz:50	Induction T:1.42	Ventil. m/s:0	Stomach *:1
LQFreq. Hz:150	Plate -:0	Brackets -:2	Rac/Rdc *:1.1
:0	W/kg *:1	Radiator -:0	Space Fac. *:1.95
Amb.Temp.°C:40	UAr/kg *:1	Chassis -:1	Force -:0
Tmp.rise °K:65	Gap posit.*:8	Channel cm:0.	Windintech.-:1
Time 1 Min:30	Annealed -:1	Fe-Chan. cm:0	Impregnat. -:2
Load 1 *:1	Stack.Fac.*:1	Rth-Uarn. *:1.5	Full Layer -:0
Time 2 Min:30	Hole -:1	Rth-Comp. *:1.5	Selection -:2
Load 2 *:1	Core Asse.-:1	Case -:0	Criteriom -:2

Type of the Inductance $L=U/I1/R1$ 

Nominal operation mode at the temperature °C 108.8

Nominal current Inom rms A:502.4	Peak current of Inom ^A:70.5
Al/Cu Losses/phase W:24.57	Steel Losses/phase(activ) W:14.22
Addy current losses factor :1.007	Q-Factor :469.0
dT Fe (average) °K:65.22	dT Winding (hot spot) ^°K:68.80
dT Case (average) °K:0.0	dT Windig (average) °K:68.52



Harmonics :1.	0.	0.	0.	0.	0.	0.	0.
Current rms A:50.	500.	.	.	.	.	.	.
Al/Cu Losses W:.266	24.14	.	.	.	.	.	.
Fe-Losses W:14.22	.	.	.	.	.	.	.

Duty cycle operation mode at the amboent temperature °C 108.8

dT Steel (average) °K:65.22	dT Winding (hot spot) °K:68.80
dT Case (average) °K:0.0	dT Winding (average) °K:68.52

Inductance and induction at the impressed peak current

Current ^A	7.	70.	.	.	.	105.	.	140.	.
Induction ^T	.481	1.241	.	.	.	1.632	.	1.623	.
$L=U1/R1/I1$ mH	0.187	0.048	0.	0.	0.	0.041	0.	0.03	0.
$L=U1/R1/Ieff$ mH									
$L=\Sigma U*t/^I$ mH									
$L=dU/R1/dI$ mH									
Leaking Ind. mH	0.006	0.002	0.	0.	0.	0.001	0.	0.001	0.
Gap-Induct. mH	47.00	70.17	0.	0.	0.	146.6	0.	67.26	0.

