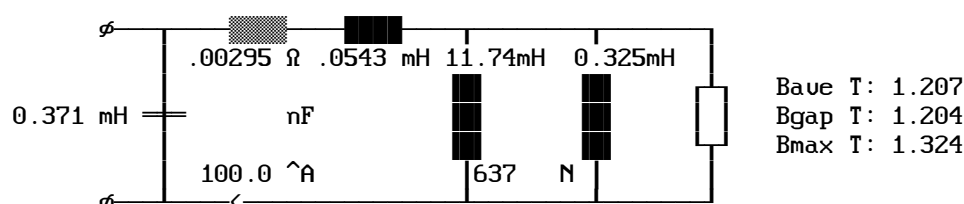


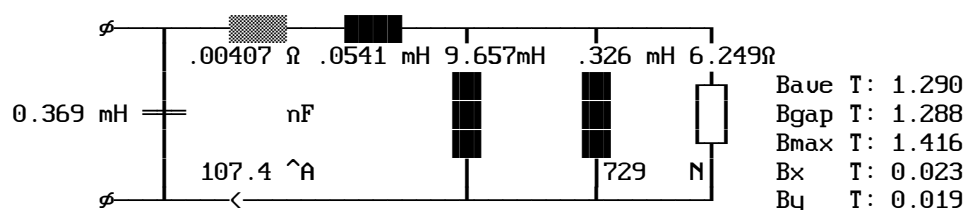
	L	mH	I	^A	1---	2---	3---	4---	5---	6---	7---	8---
Schema :1.	0.37	100.			Harmo. -:1	5	7	11	13			
L-Type *:2.					Curre. A:77.9	15.5	11.1	7	6			
Wire -:3.					Angle °:0.	180.	180.	0.	0.			
Ins/L μ:0.												
Ins/E μ:100.												
Al/Cu -:1.												
Fre.Hz:50												
Ripple %:10.												

Q-Factor :50	Steel -:1	Cooling *:1	Bobbin -:1
Kal.Freq.Hz:50	Induction T:1.44	Ventil. m/s:0	Stomach *:1
LQFreq. Hz:50	Plate -:0	Brackets -:2	Rac/Rdc *:1.3
:0	W/kg *:1	Radiator -:0	Space Fac. *:0.95
Amb.Temp.°C:40	UAr/kg *:1	Chassis -:1	Force -:0
Tmp.rise °K:75	Gap posit. *:4	Channel cm:0.	Windintech. -:1
Time 1 Min:30	Annealed -:0	Fe-Chan. cm:0	Impregnat. -:2
Load 1 *:1	Stack.Fac. *:1.92	Rth-Uarn. *:1.5	Full Layer -:0
Time 2 Min:30	Hole -:1	Rth-Comp. *:1.5	Selection -:2
Load 2 *:1	Core Asse. -:4	Case -:0	Criteriom -:3

Type of the Inductance $L=U/I_{eff}/R1$ 

Nominal operation mode at the temperature °C 116.1

Nominal current Inom rms A:80.72	Peak current of Inom ^A:107.4
Al/Cu Losses/phase W:33.00	Steel Losses/phase(activ) W:10.22
Addy current losses factor :1.243	Q-Factor :28.66
dT Fe (average) °K:67.88	dT Winding (hot spot) ^°K:76.15
dT Case (average) °K:0.0	dT Windig (average) °K:75.45



Harmonics :1.	5.	7.	11.	13.	0.	0.	0.
Current rms A:77.9	15.5	11.1	7.	6.	.	.	.
Al/Cu Losses W:27.87	2.41	1.462	.705	.556	.	.	.
Fe-Losses W:2.874	2.049	2.047	1.665	1.593	.	.	.

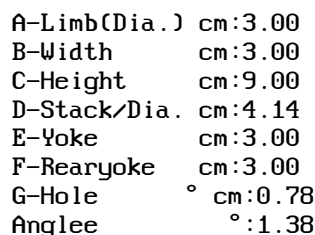
Duty cycle operation mode at the amboent temperature °C 116.1

dT Steel (average) °K:67.88	dT Winding (hot spot) °K:76.15
dT Case (average) °K:0.0	dT Winding (average) °K:75.45

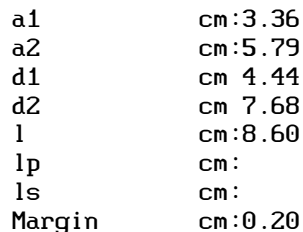
Inductance and induction at the impressed peak current

Current ^A	10.	100.	.	.	.	150.	.	200.	.
Induction ^T	.123	1.207	.	.	.	1.756	.	2.154	.
$L=U1/R1/I1$ mH									
$L=U1/R1/I_{eff}$ mH	0.379	0.372	0.	0.	0.	0.361	0.	0.334	0.
$L=\Sigma U \cdot t / ^\wedge I$ mH									
$L=dU/R1/dI$ mH									
Leaking Ind. mH	0.055	0.054	0.	0.	0.	0.053	0.	0.05	0.
Gap-Induct. mH	0.326	0.326	0.	0.	0.	0.423	0.	1.815	0.

Weight gr:4808.0



d2 +



```
X- Lenght 1 cm:
Y- Width 1 cm:
Z- Height 1 cm:
x- Lenght 2 cm:
y- Width 2 cm:
z- Height 2 cm:
w- Thicknes cm:
SPK Material :
Compound cm^3:
```

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Cooling channels:
Coil          cm:0.00
Coil-Core     cm:0.00
Core          cm:0.00

```

	Turns	T	G	G	Paral	T/ ϕ mm	W/ ϕ mm	Pitch mm	T/L	L	I/L μ	I/E μ	Weight gr	RWH %
1 2 3 4	21.	2	68	3	1	1.8	12.5		5.6	3.73	0.	100	750.64	67.

Order								
Layers								
STurns								
Position	1	2	3	4	5	6	7	8
Gap mm	0.5	0.	0.	0.5	0.5	0.	0.	0.5
Voltag.V	0.844	8.280	0.	0.	0.	12.05	0.	14.89
Curren.A	7.092	70.92	0.	0.	0.	106.3	0.	141.8

Order	:	Date	:09-09-2024
Customer	:	Time	:10:33:17
Remarks	:		