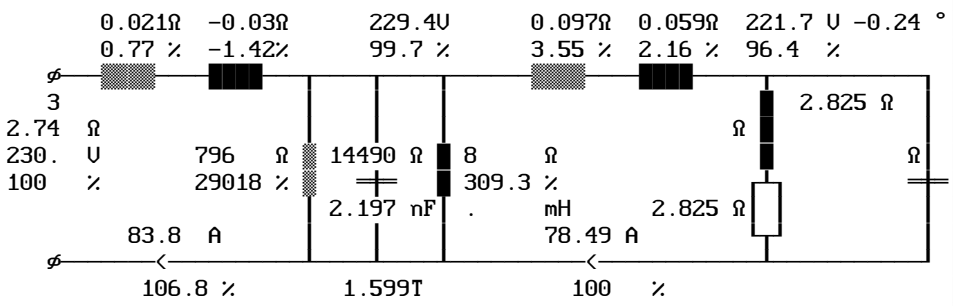
NOMINAL OPERATION at Temperature °C 85.6 and Overvoltage 1.00

Output Power on Load	W:52208	Output Power of Transfor.	W:52208
Cu Losses	W:749.6	Fe-Losses active	W:66.05
Short-Circuit-Volt. cold	%:1.18	Regulation	%:3.74
Instantaneous pow. .5/95&	W:10094	Efficiency of Transformer	%:95.52
dT Fe average Surface	°K:276.3	dT primary	°K:379.
dT Gehäuse av. Surface	°K:.	dT secondary	°K:



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00

dT Fe average Surface	°K:31.3	dT primary	°K:46.4
dT Gehäuse av. Surface	°K:.	dT secondary	°K:

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00

Losses active	W:174.1	Losses reactive	VAr:6222.
Current factor	%:32.3	Induction	T:1.6
dT Fe average Surface	°K:107.2	dT primary	°K:117.7
dT Gehäuse av. Surface	°K:.	Rezonance frequency	kHz:20.7

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 1.00

Losses active	W:16245	Losses reactive	VAr:19499
Current factor cold	%:8489.	Induction	T:1.53
dT Fe average Surface	°K:4732.	dT primary	°K:5954.
dT Case aver. Surface	°K:.	dT secondary	°K:

PRIMARY (Tap:3)	1----	2----	3----	4----	5----	6----	7----	8-----
Voltage Input/Output V:	116.9	170.9	230.					
Out. Voltage no load V:	121.4	173.3						
Current Input/Output A:	147.4	1.005	83.8					
Load on output Ω:	.793	170.						
Power factor of load :	1.000	1.000						
Current in segment A:	74.18	82.85	83.8					
Current dencity A/mm^2:	8.42	8.38	8.47					
Icc-Current cold A:	291.8	9481.	7114.					
Io -Current A:			27.06					
Inrush Current peak ^A:			343.9					
Inrush Current rms A:			156.7					
Cu-Losses W:	346.7	183.7	219.2					
Resistance cold Ω:	.0496	.0706	.0951					
Reactance Ω:	.0109	.002	.0024					
Eddy-Current Factor :	1.01	1.01	1.01					

SECONDARY	1----	2----	3----	4----	5----	6----	7----	8-----
Output Voltage V:								
Output Current A:								
Out. Voltage no load V:								
Sec. Voltage V:								
Sec. Current A:								
Current dencity A/mm^2:								
Sec. Voltage cold V:								
Load on output Ω:								
Power factor of load :								
Icc cold A:								
Cu-Losses warm W:								
Resistance cold Ω:								
Reactance Ω:								
Eddy-Current Factor :								
Capacitor mF:								