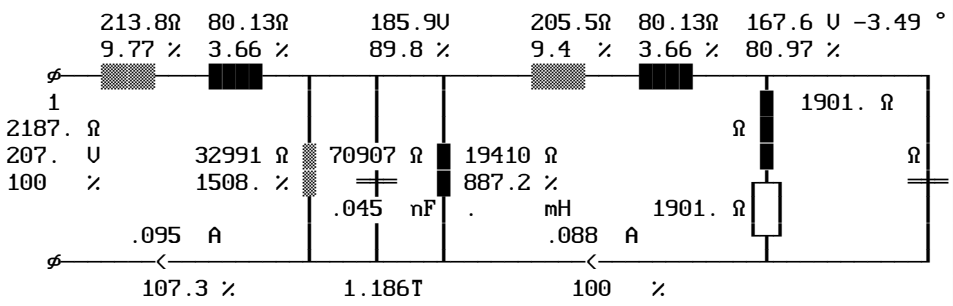
NOMINAL OPERATION at Temperature °C 79.2 and Overvoltage 0.90

Output Power on Load	W:10.46	Output Power of Transfor.	W:14.78
Cu Losses	W:3.51	Fe-Losses active	W:1.05
Short-Circuit-Volt. cold	%:19.57	Regulation	%:23.5
Instantaneous pow. .5/95&	W:19.1	Efficiency of Transformer	%:69.64
dT Fe average Surface	°K:36.9	dT primary	°K:39.4
dT Gehäuse av. Surface	°K:.	dT secondary	°K:39.1



DUTY CYCLE OPERATION at Amb.Temperature °C 40. and Overvoltage 0.90

dT Fe average Surface	°K:36.9	dT primary	°K:39.4
dT Gehäuse av. Surface	°K:.	dT secondary	°K:39.

NO LOAD OPERATION at Amb.Temperature °C 40. and Overvoltage 0.90

Losses active	W:1.36	Losses reactive	VAr:3.85
Current factor	%:20.86	Induction	T:1.303
dT Fe average Surface	°K:13.4	dT primary	°K:13.2
dT Gehäuse av. Surface	°K:.	Rezonance frequency	kHz:3.

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 40. and Overvoltage 0.90

Losses active	W:92.75	Losses reactive	VAr:37.62
Current factor cold	%:511.	Induction	T:.725
dT Fe average Surface	°K:215.9	dT primary	°K:251.8
dT Case aver. Surface	°K:.	dT secondary	°K:249.1

PRIMARY (Tap:1) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8-----	
Voltage Input/Output	V:207.
Out. Voltage no load	V:
Current Input/Output	A:0.095
Load on output	Ω:
Power factor of load	:
Current in segment	A:0.095
Current dencity	A/mm^2:4.19
Icc-Current cold	A:0.48
Io -Current	A:0.02
Inrush Current peak	^A:0.94
Inrush Current rms	A:0.38
Cu-Losses	W:1.9
Resistance cold	Ω:172.9
Reactance	Ω:80.13
Eddy-Current Factor	:1.

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8-----			
Output Voltage	V:8.58	22.42	
Output Current	A:0.984	0.09	
Out. Voltage no load	V:12.53	32.72	
Sec. Voltage	V:8.26	19.59	
Sec. Current	A:1.475	0.133	
Current dencity	A/mm^2:3.73	3.77	
Sec. Voltage cold	V:8.5	20.4	
Load on output	Ω:5.4	145.7	
Power factor of load	:1.000	1.000	
Icc cold	A:7.96	0.74	
Cu-Losses warm	W:1.261	.337	
Resistance cold	Ω:.4692	15.50	
Reactance	Ω:.2351	6.346	
Eddy-Current Factor	:1.	1.	
Capacitor	mF:5.899	.201	