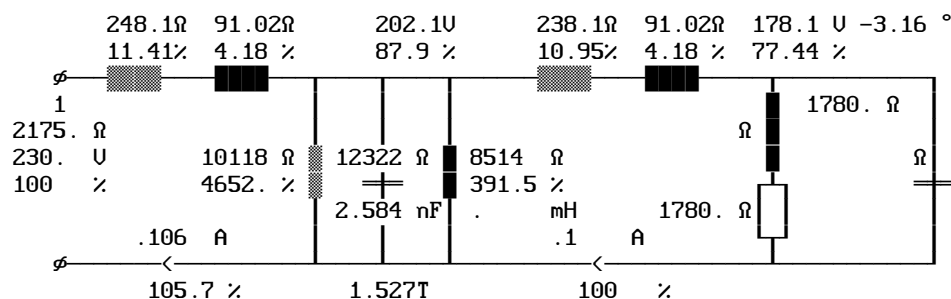


NOMINAL OPERATION at Temperature °C 102.7 and Overvoltage 1.00
 Output Power on Load W:17.82 Output Power of Transfor. W:17.82
 Cu Losses W:5.16 Fe-Losses active W:.4
 Short-Circuit-Volt. cold %:18.88 Regulation %:29.14
 Instantaneous pow. .5/95& W:22.7 Efficiency of Transformer %:76.21
 dT Fe average Surface °K:30.8 dT primary °K:33.
 dT Gehäuse av. Surface °K:27.7 dT secondary °K:32.5



DUTY CYCLE OPERATION at Amb.Temperature °C 70. and Overvoltage 1.00
 dT Fe average Surface °K:30.8 dT primary °K:33.
 dT Gehäuse av. Surface °K:27.8 dT secondary °K:32.5

NO LOAD OPERATION at Amb.Temperature °C 70. and Overvoltage 1.00
 Losses active W:1.16 Losses reactive UAr:11.82
 Current factor %:48.83 Induction T:1.696
 dT Fe average Surface °K:7.9 dT primary °K:8.2
 dT Gehäuse av. Surface °K:7.1 Rezonance frequency kHz:.6

SHORT-CIRCUIT OPERATION at Amb.Temperature °C 70. and Overvoltage 1.00
 Losses active W:115.3 Losses reactive UAr:57.21
 Current factor cold %:529.5 Induction T:.847
 dT Fe average Surface °K:216. dT primary °K:243.6
 dT Case aver. Surface °K:183.6 dT secondary °K:239.9

PRIMARY (Tap:1) 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Voltage Input/Output U:230.
 Out. Voltage no load U:
 Current Input/Output A:0.106
 Load on output Ω :
 Power factor of load :
 Current in segment A:0.106
 Current dencity A/mm²:4.16
 Icc-Current cold A:0.56
 Io -Current A:0.052
 Inrush Current peak ^A:1.49
 Inrush Current rms A:0.62
 Cu-Losses W:2.8
 Resistance cold Ω :188.4
 Reactance Ω :91.02
 Eddy-Current Factor :1.

SECONDARY 1---- 2---- 3---- 4---- 5---- 6---- 7---- 8----
 Output Voltage U:12.07 11.81
 Output Current A:0.754 0.738
 Out. Voltage no load U:15.05 15.05
 Sec. Voltage U:12.07 11.81
 Sec. Current A:0.754 0.738
 Current dencity A/mm²:3.85 3.77
 Sec. Voltage cold U:12.7 12.4
 Load on output Ω :16. 16.
 Power factor of load :1.000 1.000
 Icc cold A:4.49 3.85
 Cu-Losses warm W:1.107 1.277
 Resistance cold Ω :1.478 1.782
 Reactance Ω :.8093 .8274
 Eddy-Current Factor :1. 1.
 Capacitor mF:.