



# Summit series type S - 17

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single ended output transformer

5100  $\Omega$  to 4 and 8  $\Omega$

optimized for //2 1 1 type power triodes in 30 Watt mode  
(1000V 120mA condition)

- Hi-grade SiFe grain oriented dual C-core
- virginal PTFE interlayer dielectric
- vari-lay inter-winding technique
- 6 - 104,000 Hz bandwidth
- 0,29 dB insertion loss

The Summit series " type S-17 " is a single ended output transformer designed around a pair of 211 triode in its 1000 Volts plate voltage operating conditions offering :

" 30 Watts rms in Class A1 mode "

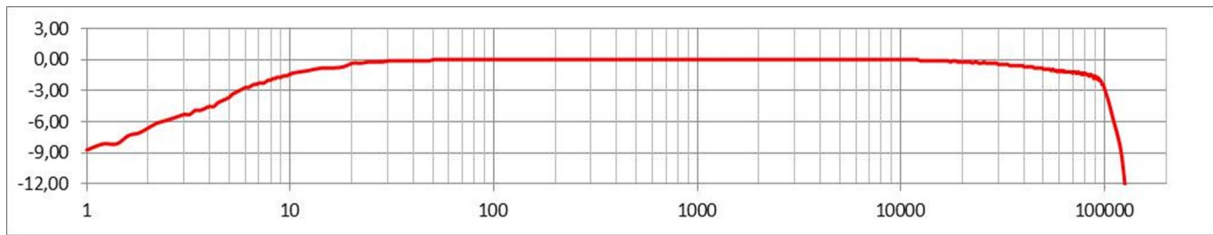
This is about four times the power output of a classic 300B design.

This tube is known for it's sheer musicality and is used in high end commercial designs by reputed companies such as Audio Note, Cary and Lua.

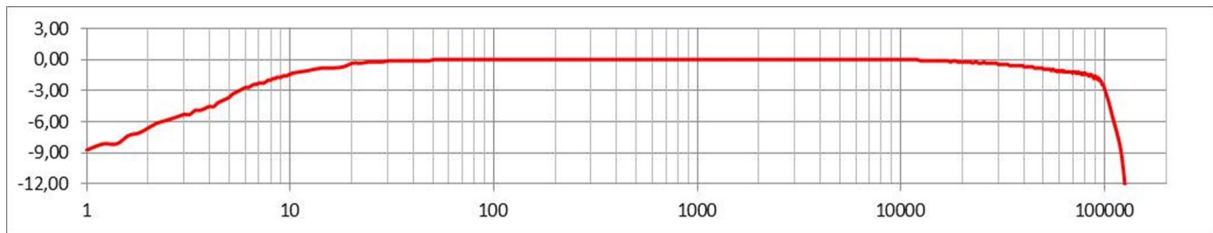
## E L E C T R I C A L D A T A

Primary impedance	5100 $\Omega$
Secondary load impedance	4 and 8 $\Omega$
Winding ratio (4/8 $\Omega$ )	35.70 / 25.25
Bandwidth (-3 dB @ 1W, sec. grounded)	6 - 104,000 Hz
Core saturation	26 Hz @ 30W rms
Primary inductance	39 Hy
Leakage inductance	9.9 mH
Shunt capacitance sec. grounded	439 pF
Shunt capacitance sec. floating	213 pF
Primary DC resistance	201 $\Omega$
Sec. DC resistance 4/8 Ohm	0.28 / 0.55 $\Omega$
Insertion loss 4/8 Ohm	0.29 / 0.29 dB

level (dB) vs. frequency (Hz) 4 ohm - grounded secondary



level (dB) vs. frequency (Hz) 8 ohm - grounded secondary



## **MECHANICAL DATA AND ELECTRICAL CONNECTIONS**

CASE-3

[preliminary new case layout datasheet](#)