



Summit series type S - 19

single ended output transformer

1650 Ω to 4 and 8 Ω

optimized for // 300 B power triode in 20 Watt mode
(400V 160mA condition)

- Hi-grade SiFe grain oriented dual C-core
- virginal PTFE interlayer dielectric
- vari-lay inter-winding technique
- 6 - 169,000 Hz bandwidth
- 0,24 dB insertion loss

The Summit series " type S-19 " is a single ended output transformer designed around a pair of 300B triodes in its 400 Volts plate voltage operating conditions offering :

" 20 Watts rms in Class A1 mode "

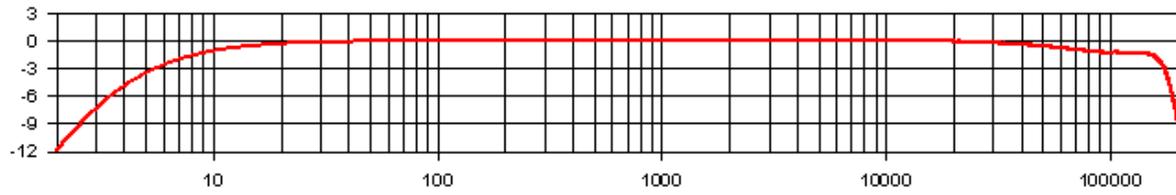
The 300B is a vacuum triode with a long history of high performance and great sound. This tube is receiving praise from a wide range of listeners and amplifier producers.

This tube features midrange harmonic textures that are lusciously sweet sounding and offers a slice of vintage sound.

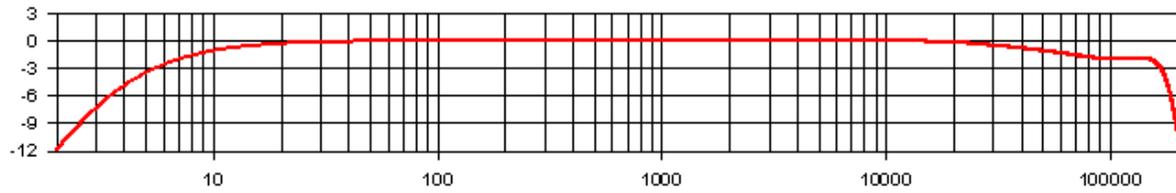
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Primary impedance	1650 Ω
Secondary load impedance	4 an 8 Ω
Winding ratio (4/8 Ω)	20.43 / 14.44
Bandwidth (-3 dB @ 1W, sec. grounded)	6 - 169,000 Hz
Core saturation	16 Hz @ 20W rms
Primary inductance	17 Hy
Leakage inductance	3.2 mH
Shunt capacitance sec. grounded	598 pF
Shunt capacitance sec. floating	335 pF
Primary DC resistance	41 Ω
Sec. DC resistance 4/8 Ohm	0.122 / 0.250 Ω
Insertion loss 4/8 Ohm	0.23 / 0.24 dB

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



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



Mechanical data & electrical connections

CASE-3

[preliminary new case layout datasheet](#)