



ELECTRONIC TUBE REFERENCE

3B-100B

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Standard Valves 3B/100-B indirectly heated British five-pin audio power triode with 4 V 1.1 A heater, amplification factor 13 and maximum 10 W anode dissipation.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	5
NOMINAL HEATER	4 V / 1.1 A	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	2000 Ω
TRANSCONDUCTANCE	0.0065 S
AMPLIFICATION FACTOR	13
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	10 W
<i>Standard Valves 3B/100-B single indirectly heated oxide-coated triode. At V_a 200 V V_g -10 V: μ 13, r_p 2000 Ω, g_m 0.0065 A/V. Max direct anode 200 V, max direct anode current 50 mA, max plate dissipation 10 W. Capacitances C_{ga} 7.5 pF, C_{gk} 10.3 pF, C_{ak} 4.8 pF. Class A examples: 100 V/-4 V/23 mA/8000 Ω, 150 V/-6 V/40 mA/10000 Ω, 200 V/-10 V/40 mA/10000 Ω. Balanced Class B pair V_a 200 V, V_g -16 V, 8-50 mA per valve, load anode-to-anode 4200 Ω. Standard British 5-pin base.</i>	

TUBE TINKER

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