



ELECTRONIC TUBE REFERENCE

3B100B

Power - Triode Single (under 10W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

3B100B triode for general electronic amplification. Available source material does not establish a narrower functional application confidently.

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

SECTION1 Triode	
PLATE RESISTANCE	2000 Ω
TRANSCONDUCTANCE	0.0065 S
AMPLIFICATION FACTOR	13
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM CATHODE CURRENT	50 mA
<i>Published triode ratings/characteristics promoted from the approved datasheet.</i>	

3B100B is a triode described in the Standard Valves datasheet. The source provides construction, electrical constants, limiting conditions, and operating information.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1946 Standard Telephone and Cables

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1946 STANDARD TELEPHONE AND CABLES

Section 1 · Triode

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	7.5 pF	Direct inter-electrode capacitance
Grid-cathode capacitance	10.3 pF	Direct inter-electrode capacitance
Anode-cathode capacitance	4.8 pF	Direct inter-electrode capacitance

TUBE TINKER

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