



ELECTRONIC TUBE REFERENCE

3BI00B

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Indirectly heated power triode designed for audio-frequency output service. Its moderate amplification factor, approximately 10 W plate dissipation, and low plate-voltage rating provide loudspeaker-driving power from a heater-cathode construction rather than a directly heated filament.

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	
AMPLIFICATION FACTOR	10
MAXIMUM PLATE VOLTAGE	200 V
MAXIMUM PLATE DISSIPATION	10 W
MAXIMUM CATHODE CURRENT	50 mA

Indirectly heated triode for audio-frequency power service.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1947 Standard Valves

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

1947 STANDARD VALVES

Section 1 · Triode

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	7.5 pF	—
Grid-cathode/filament capacitance	10.3 pF	—
Anode-cathode/filament capacitance	4.8 pF	—

TUBE TINKER

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and their source documents.

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