



ELECTRONIC TUBE REFERENCE

3T100A2

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated transmitting triode for RF and audio-frequency power amplification. Published operation provides roughly 113 W Class C RF output or about 205 W Class B audio output, with operation to approximately 150 MHz.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
TRANSCONDUCTANCE	0.008 S
AMPLIFICATION FACTOR	160
MAXIMUM PLATE VOLTAGE	1250 V
MAXIMUM PLATE DISSIPATION	60 W
<i>Published ratings and characteristics promoted from the approved French source.</i>	

Directly heated transmitting triode for RF or AF power amplification.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1960 Mazda

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

1960 MAZDA

Section 1 · Triode

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-anode capacitance	5 pF	—
Grid-filament capacitance	5.5 pF	—
Anode-filament capacitance	0.6 pF	—

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Typical anode dissipation	45 W	—



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Mazda Belvu

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

1968 MAZDA BELVU

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
RFOutputPower	113 W	ClassC;Plate 1250 V
AudioOutputPower	205 W	ClassB;Plate 1250 V

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum Frequency	150 MHz	—

TUBE TINKER

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and their source documents.

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