



ELECTRONIC TUBE REFERENCE

GS24B

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Grounded-grid RF power triode for oscillator and amplifier service. High transconductance, moderate plate dissipation, and several-hundred-volt operation provide compact radio-frequency power from a conventional heater supply.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	6.3 V / 880 mA	PARALLEL HEATER	— / —
HEATING	Indirect	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
TRANSCONDUCTANCE	0.025 S
MAXIMUM PLATE VOLTAGE	900 V
MAXIMUM PLATE DISSIPATION	120 W
MAXIMUM GRID DISSIPATION	2.5 W
MAXIMUM CATHODE CURRENT	270 mA
Promoted from English maximum values and characteristics.	

The GS24B is a grounded-grid rf oscillator and power-amplifier triode.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1968 Electronintorg

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

1968 ELECTRONINTORG

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Heater current	380 mA–1.38 A	—
Mutual conductance	25 mA/V	—
Cutoff voltage	13 V	—
Anode current characteristic	60–125 mA	—
Mutual conductance	20–30 mA/V	—

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum anode voltage	900 V	—
Maximum cathode/anode current	270 mA	—
Anode dissipation	120 W	—
Grid dissipation	2.5 W	—
Warm-up time	60 s	—
Output power	26 W	HeaterVoltage=11.3V
Operating point anode voltage	350 V	—
Operating point cathode current	240 mA	—
Operating point grid current	70 mA	—
Operating point output power	20 W	—

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes,
and their source documents.

