



ELECTRONIC TUBE REFERENCE

GI26B

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Power transmitting triode intended for RF amplification, oscillation, or modulation. Manufacturer documentation emphasizes professional transmitter or industrial RF service with substantial plate voltage, current, and output capability.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	12.6 V / —	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	30000 V
MAXIMUM PLATE DISSIPATION	20000 W
MAXIMUM GRID DISSIPATION	2000 W
Promoted-field completeness audit performed from English ratings/characteristics.	

The GI-26B directly heated triode provides power amplification in pulsed operation with anode keying and forced-air cooling.

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

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
amplification in [1]	266 W	WMnynbCHBbIA reHepaTopHbin Tpuog MN-266 npea- The 'A-26b triode provides power amplification in
amplification in [2]	26 W	WMnynbCHBbIA reHepaTopHbin Tpuog MN-266 npea- The 'A-26b triode provides power amplification in
grid [1]	12	1,2, 3,4-cathode; C —grid;
grid [2]	34	1,2, 3,4-cathode; C —grid;
frequency, Hz	50 Hz	yactota, My oo 50 frequency, Hz
temperature, °C [1]	-60 C	Temnepatypa okpy>arowe cpegel, °C Ambient temperature, °C —60to +55
temperature, °C [2]	55 C	Temnepatypa okpy>arowe cpegel, °C Ambient temperature, °C —60to +55
voltage (ACorDC), V [1]	126 V	HanpsxeHue Hakana (~vwmm =), B 12,6 Filament voltage (ACorDC), V 12.6
voltage (ACorDC), V [2]	12.6 V	HanpsxeHue Hakana (~vwmm =), B 12,6 Filament voltage (ACorDC), V 12.6
cathode,) [1]	2 ohm	ConpoTueneHue HakaneHHoro katoaa, Om 0,002 Resistance of heated cathode,) 0.002
cathode,) [2]	0.002 ohm	ConpoTueneHue HakaneHHoro katoaa, Om 0,002 Resistance of heated cathode,) 0.002

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
currents [1]	6 uS	KpyTu3Ha xapakTepycTuku (Mpu Tokax aHoga Mutual conductance (at anode currents 6 and 10 A,
currents [2]	10 uS	KpyTu3Ha xapakTepycTuku (Mpu Tokax aHoga Mutual conductance (at anode currents 6 and 10 A,
voltages [1]	2 kV	KoacbcbumeHT ycunenys (Npy Hanps>keHu aHoaa Gain coefficient (at anode voltages 2 and 3kV,
voltages [2]	3 kV	KoacbcbumeHT ycunenys (Npy Hanps>keHu aHoaa Gain coefficient (at anode voltages 2 and 3kV,
input,atmost oL [1]	6	BXOAHaA, HE 6ONee c.ueunnn. 185 input,atmost oL 185
input,atmost oL [2]	185	BXOAHaA, HE 6ONee c.ueunnn. 185 input,atmost oL 185
input,atmost oL [3]	185	BXOAHaA, HE 6ONee c.ueunnn. 185 input,atmost oL 185
output,atmost [1]	3	BbiXO4HaA, HeGonee 3 output,atmost 3
output,atmost [2]	3	BbiXO4HaA, HeGonee 3 output,atmost 3
Filament voitage (ACorDC),V [1]	11	Hanpskenue Hakana (~vm =),B 11-13 Filament voitage (ACorDC),V 11-13
Filament voitage (ACorDC),V [2]	-13	Hanpskenue Hakana (~vm =),B 11-13 Filament voitage (ACorDC),V 11-13
Filament voitage (ACorDC),V [3]	11	Hanpskenue Hakana (~vm =),B 11-13 Filament voitage (ACorDC),V 11-13
Filament voitage (ACorDC),V [4]	-13	Hanpskenue Hakana (~vm =),B 11-13 Filament voitage (ACorDC),V 11-13
current, A [1]	900 A	Haun6onblwin ryckoBoi Tok Hakana, A 900 Filament starting current, A 900
current, A [2]	900 A	Haun6onblwin ryckoBoi Tok Hakana, A 900 Filament starting current, A 900
anode voitage, kV [1]	30	Haunbonblwee HanpskeHWe aHoaa B umnynece, kB . . 30 Peak anode voitage, kV 30
anode voitage, kV [2]	30	Haunbonblwee HanpskeHWe aHoaa B umnynece, kB . . 30 Peak anode voitage, kV 30

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
anode [1]	20	AHOAOM . .o i ittt 20 anode ... 20
anode [2]	20	AHOAOM . .o i ittt 20 anode ... 20
grid [1]	2	CETKOM oottt it it e e it 2 grid ... 2
grid [2]	2	CETKOM oottt it it e e it 2 grid ... 2
temperature, °C	180 C	Han6onblwas Temnepatypa, °C: Anode temperature, °C 180
Temperature at glass and glass-to-metal	180 C	AHOOB .ot ii it i 180 Temperature at glass and glass-to-metal