

ELECTRONIC TUBE REFERENCE

GI26A

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

SECTION1 Triode	
MAXIMUM PLATE VOLTAGE	30000 V
MAXIMUM PLATE DISSIPATION	60000 W
MAXIMUM GRID DISSIPATION	3000 W
Promoted-field completeness audit performed from English ratings/characteristics.	

The GI-26A directly heated triode is used as a power amplifier for pulsed operation with anode keying; cooling is forced water for the anode, grid and filament leads with air cooling for other parts.

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
power amplifier for	26 W	The T'N-26A triode is used as an power amplifier for
grid [1]	182	Diameter: at most 182 mm. 1,2, 3, 4-cathode; C—grid;
grid [2]	12	Diameter: at most 182 mm. 1,2, 3, 4-cathode; C—grid;
grid [3]	3	Diameter: at most 182 mm. 1,2, 3, 4-cathode; C—grid;
grid [4]	4	Diameter: at most 182 mm. 1,2, 3, 4-cathode; C—grid;
anode	13	Mass: at most 13 kg. A -anode
temperature, °C [1]	-10 C	Temnepartypa okpyxaiowei cpege!, °C —10-+55 Ambient temperature, °C —10to +55
temperature, °C [2]	55 C	Temnepartypa okpyxaiowei cpege!, °C —10-+55 Ambient temperature, °C —10to +55
temperature, °C [3]	-10 C	Temnepartypa okpyxaiowei cpege!, °C —10-+55 Ambient temperature, °C —10to +55
temperature, °C [4]	55 C	Temnepartypa okpyxaiowei cpege!, °C —10-+55 Ambient temperature, °C —10to +55
voltage (ACorDC), V [1]	126 V	Hanpsbkenune Hakana (~uwmwm=), B 12,6 Filament voltage (ACorDC), V 12.6
voltage (ACorDC), V [2]	12.6 V	Hanpsbkenune Hakana (~uwmwm=), B 12,6 Filament voltage (ACorDC), V 12.6

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
cathode [1]	2 ohm	ConpoTuBneHne HakaneHHoro katoga, Om 0,002 Resistance of heated cathode, 2
cathode [2]	2 ohm	ConpoTuBneHne HakaneHHoro katoga, Om 0,002 Resistance of heated cathode, 2
currents [1]	6 uS	KpyTnsHa xapakTepucTiku (Mpu Tokax aHoga Mutual conductance (at anode currents 6 and 10 A),
currents [2]	10 uS	KpyTnsHa xapakTepucTiku (Mpu Tokax aHoga Mutual conductance (at anode currents 6 and 10 A),
voltage [1]	61 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltage [2]	10 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltage [3]	2 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltage [4]	85 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltage [5]	-100 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltage [6]	2 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltage [7]	85 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltage [8]	-100 kV	61 10 A, HanpskeHun aHoaa 2 KB)MA/B 85-100 anode voltage 2kV), mA/V 85-100
voltages	2 V	KoathdhuLueHT yennenus (Mpwv HanpskKeHusxX Gain coefficient (at anode voltages 2 and
input,atmost [1]	185	ia et iaenenans 185 input,atmost 185
input,atmost [2]	185	ia et iaenenans 185 input,atmost 185
output,atmost	3	BBIXOAHAA ttt t ittt et 3 output,atmost

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
voltage (ACorDC), V [1]	13 V	Haubonblwee HanpskeHne Hakana (~ uwu =), B . . . 13 Maximum filament voltage (ACorDC), V 13
voltage (ACorDC), V [2]	13 V	Haubonblwee HanpskeHne Hakana (~ uwu =), B . . . 13 Maximum filament voltage (ACorDC), V 13
current, A [1]	900 A	Havwboblumin NycKoBOW TOK Hakana, A 900 Filament starting current, A 900
current, A [2]	900 A	Havwboblumin NycKoBOW TOK Hakana, A 900 Filament starting current, A 900
anode [1]	60	e e e 60 anode 60
anode [2]	60	e e e 60 anode 60
grid [1]	3	CEBTKOM ... ee 3 grid ... 3
grid [2]	3	CEBTKOM ... ee 3 grid ... 3
frequency, MHz [1]	25 MHz	Haubonblwas pabodas yactota, My, ... 25 Operating frequency, MHz 25
frequency, MHz [2]	25 MHz	Haubonblwas pabodas yactota, My, ... 25 Operating frequency, MHz 25
Temperature at bulb, stem, glass-to-metal	1000 C	TOMC), MKC .« oot e e et e e 1000 Temperature at bulb, stem, glass-to-metal

TUBE TINKER

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and their source documents.

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