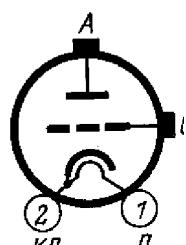


ГИ-17

Main settings $U_{aH} = 6.3 \text{ kV}$, $U_a = 0.25 \text{ kV}$, $/a = 0.2 \text{ A}$

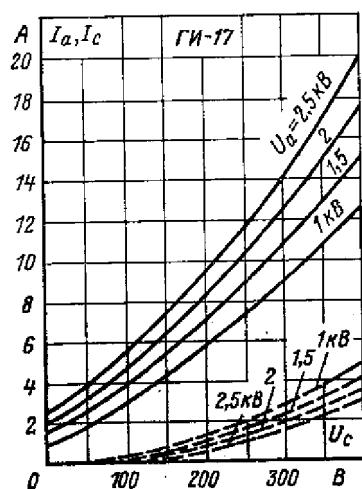
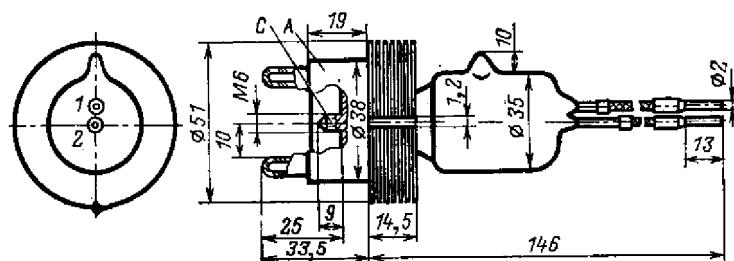
Pulse oscillator triode for amplification and generating high frequency pulses. The design is metal-glass. Cooling - forced: anode - air at least $9 \text{ m}^3/\text{h}$, grid outlet $1.8 \text{ m}^3/\text{h}$. Weight 250 g.



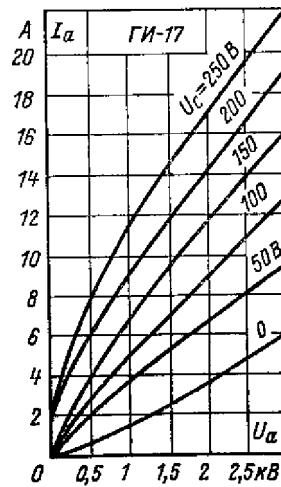
Operating limits

Filament voltage 5.7-6.9 V Anode voltage per pulse 9 kV Power dissipated by the anode 150 W Operating frequency 500 MHz Operating ambient temperature range From -60 to $+70^\circ\text{C}$

Filament current	$7.5 \pm 0.5 \text{ A}$
Anode current in a pulse (at $U_a = U_c = 1050 \text{ V}$) Anode current at the beginning of the characteristic (at $U_a = 4 \text{ kV}$ and $U_c = -0.9 \text{ kV}$)	$> 70 \text{ A}$
Anode current is ion (at $U_a = -0.25 \text{ kV}$, $/a = 0.2 \text{ A}$)	$< 5 \text{ mA}$
Characteristic slope	$< 2 \mu\text{A}$
Gain (at $/a = 0.45 \text{ A}$). . . . Inter-electrode tanks:	$> 12 \text{ mA/V}$
entrance	$> 10 \text{ V}$
exit	$< 11.5 \text{ pF}$
passage	$< 8 \text{ pF}$
Durability..... Durability criterion: characteristic slope anode current is ionic	$< 2 \text{ pF}$
	$> 500 \text{ h}$
	$< 9 \text{ mA/V}$
	$< 2 \mu\text{A}$



Анодно-сеточные характеристики лампы ГИ-17.



Анодные характеристики лампы ГИ-17.

