

,Cathode Ray Tubes,Ceramic Tubes,CFA,chemical synthesis,chromenes,CO2 sensors,Communication,composite membranes,condensed heterocycles,Control Tubes,CWT,database,Devices,Diodes,Discharger,Display Tubes,Electron Tubes,Electron,antitumor,artificial organs,artificial skin,Attenuators,Audio tubes,Backward Wave Oscillator,Band filtering,Beam tubes,biocompatibility,biomaterials,biosensors,Broadcast,Broadcasting Tubes,Broadcasting,carbon dioxide isolation3CX300A1,4CX400A,4CX800A,4X150A,6360,6BK4,6BQ7,6C19,6C33C,6D22S,6N1P,6S19P,7034,813,829A,832A,833A,absorbent,Acquisi Radio,Amateur,Amplifiers,Antenna amplifiers,anticancer compounds,antitumor agent,Modular Tubes,Modular,Russia,component,Navigator,product,characteristics,tube,technical,information,diagram">

# GM-100

## TRIODE

The GM-100 triode is used as a low-frequency power amplifier in RF equipment.

### GENERAL

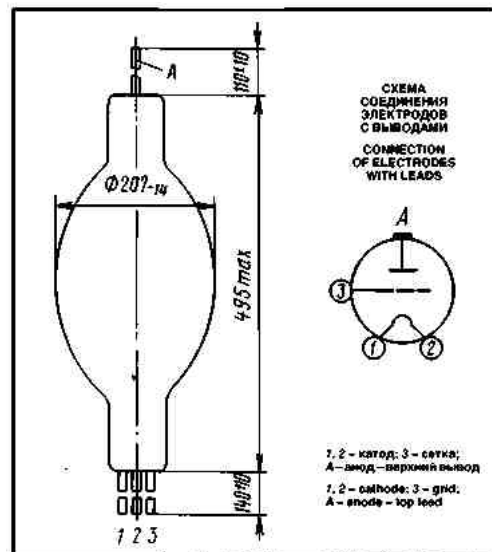
Cathode: directly heated, tungsten.

Envelope: glass, no-base.

Height: at most 495 mm.

Diameter: at most 207 mm.

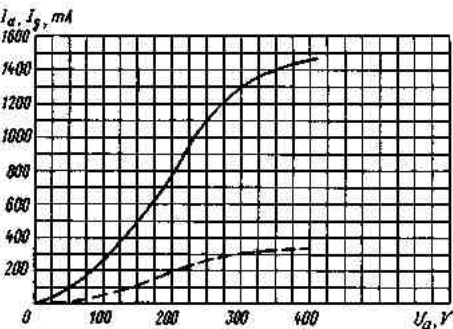
Mass: at most 2 kg.



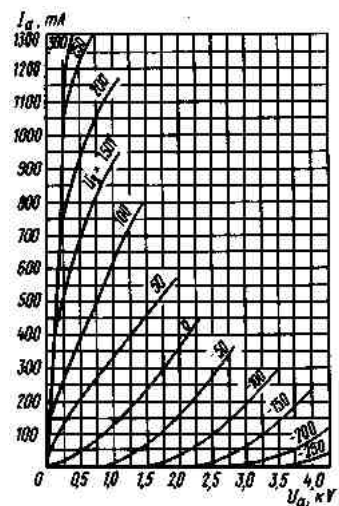
OPERATING ENVIRONMENTAL CONDITIONS	
Ambient temperature, °C	-60 to +70
Relative humidity at up to +25 °C, %	98

BASIC DATA	
Electrical Parameters	
Filament voltage, V	17
Filament current, A	16.6-19.4
Mutual conductance (at anode voltage 1 kV, anode currents 500-700 mA), mA/V	5-8
Gain coefficient (at anode voltage 1 and 2 kV, anode current 200 mA)	15-21

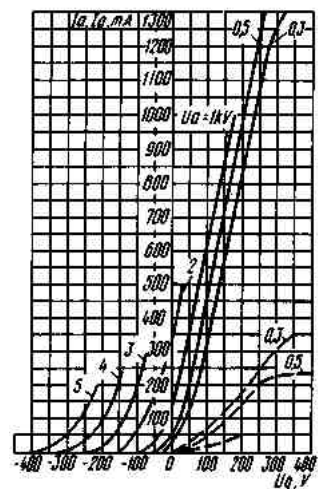
Limit Operating Values	
Filament voltage, V	17
Anode voltage, kV	5
Anode dissipation, RW	1



**Averaged Characteristic Curves:  $U_f = 17V$ ;**  
 \_\_\_\_\_ anode;  
 - - - grid-anode



Averaged Anode Characteristic Curves:  $U_f = 17V$



Averaged Characteristic Curves:  $U_f = 17V$ ;

\_\_\_\_\_ anode-grid;

--- grid