

ATELIERS BELVU  
6BX4  
FULL-WAVE HIGH-VACUUM RECTIFIER

Ateliers Belvu 6BX4 is a full-wave, high-vacuum rectifier of the heater-cathode type in Miniature construction.

GENERAL DATA

Electrical:

Heater, for Unipotential Cathode:

Voltage (AC or DC) . . . . . 6.3 volts  
Current . . . . . 0.6 amp

Mechanical:

Mounting Position . . . . . Any  
Bulb . . . . . T-5-1/2  
Base . . . . . Miniature Button 7-Pin

FULL-WAVE RECTIFIER

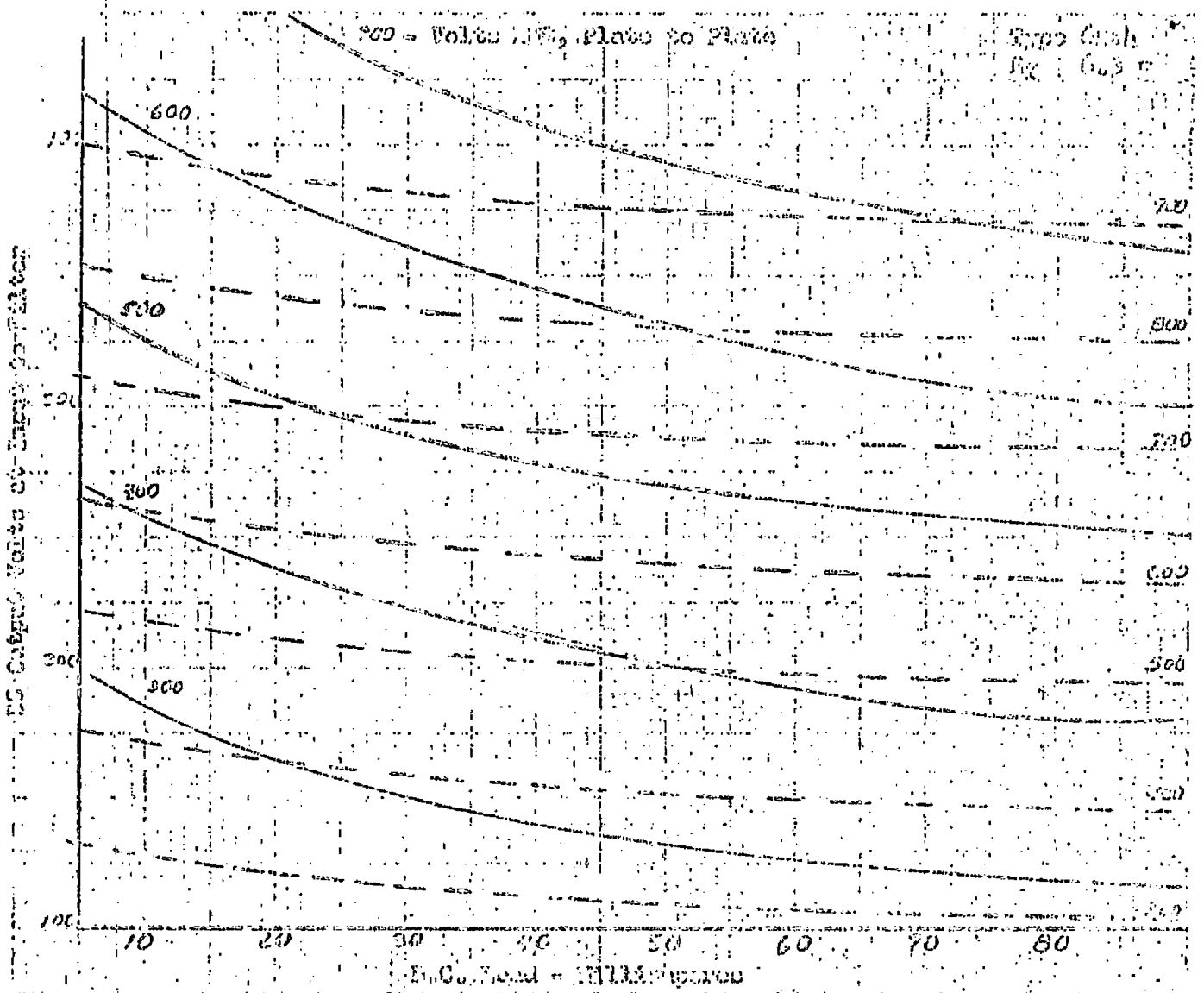
Maximum Ratings, Design-Center Values:

Peak Inverse Plate Voltage . . . . . 1.350 max. volts  
Peak Plate Current . . . . . 270 max. ma  
DC Output Current . . . . . 90 max. ma  
Peak Heater-Cathode Voltage:  
Heater negative with respect to cathode . . . . . 500 max. volts  
Heater positive with respect to cathode . . . . . 500 max. volts

Typical Operation:

	Condenser- Input to Filter	Choke- Input to Filter	
AC Plate-to-Plate Supply Voltage (RMS) . . . . .	700	900	volts
Filter Input Capacitance . . . . .	50		uf
Total Effective Plate-Supply Impedance per Plate . . . . .	300		ohms
Min. or Filter Input Choke . . . . .		3	henries
DC Output Current . . . . .	90	90	

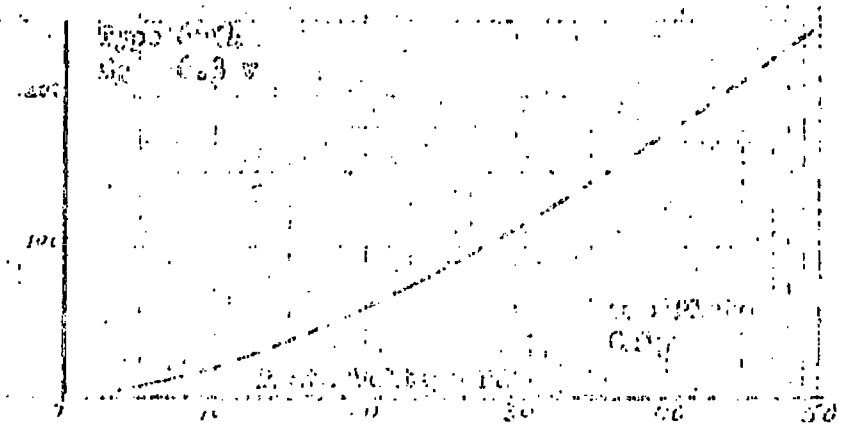
OPERATION CHARACTERISTICS



Grids (1)  
 Grids to Filament  
 Filament (1.5a)  
 Filament (1.5b)  
 Input to PEK  
 G-10

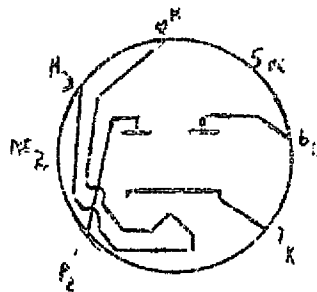
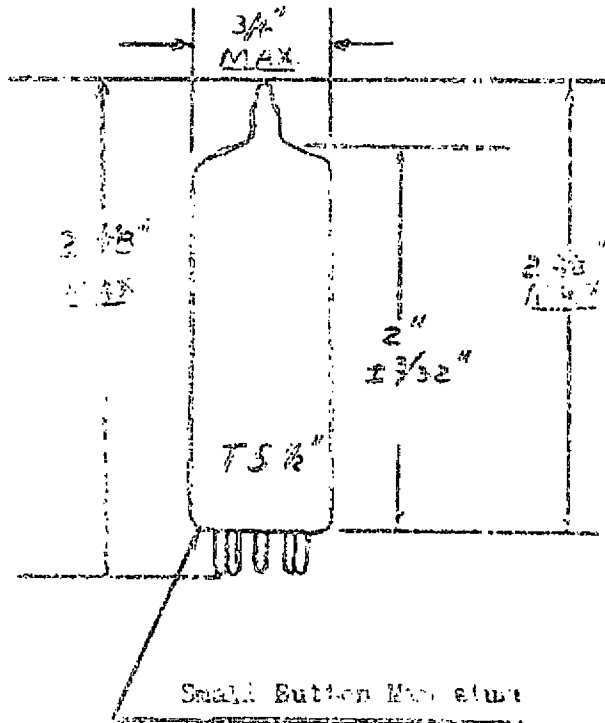
Total Efficiency  
 Supply Input to Plate  
 Grids to PEK  
 G-10

AVERAGE STATE CHARACTERISTICS



ATELIERS BELVO  
 58M4  
 FULL WAVE HIGH VACUUM RECTIFIER

Dimensional Outline



Socket Connections  
 Bottom View  
 (Basing No. 7DV)

- Pin 1 - Plate No. 2
- Pin 2 - No Connection
- Pin 3 - Heater
- Pin 4 - Heater
- Pin 5 - No Connection
- Pin 6 - Plate No. 1
- Pin 7 - Cathode