

Rectifying Valve

TYPE E.H.T.7



4199

(Approximate overall dimensions : 530 × 270 m/m.)

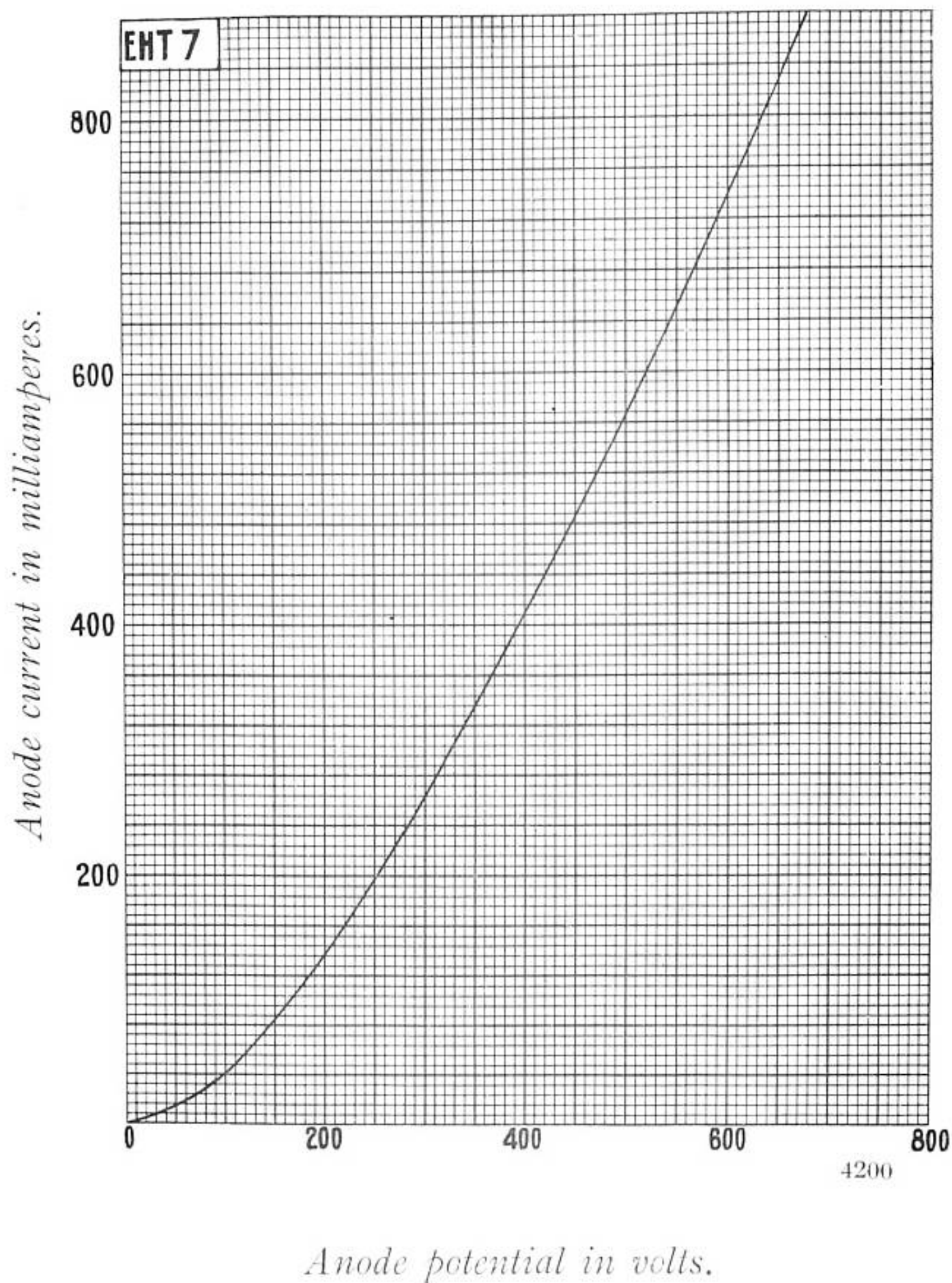
A half wave thermionic rectifier with molybdenum anode, suitable for extra high voltage applications.

It is essential that the anode voltage be applied gradually, particularly if the valve has been stored or not used for any length of time.

In a bi-phase half wave circuit (2 valves) feeding into a filter, the first component of which is a condenser, a rectified current of 500 milliamperes may be obtained.

Approximate Data :

Filament volts	12.5	Impedance (ohms)	800
Filament amperes.. ..	24.0	Continuous anode dissipation (watts)	200
Total emission (amperes)	1.5	Maximum inverse peak voltage (kV.)	60



Characteristic Curve of Average Valve.

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