

T.D.D.13C



DOUBLE-DIODE-TRIODE

OPERATING DATA.

Heater Current 0.2 A.
 Heater Voltage 13.0 V.
 Max. Anode Voltage 200 V.

BASE.

Standard 7-pin. For connections see page 110.

TRIODE CHARACTERISTICS.

At Anode Volts 100; Grid Volts Zero.

Anode Impedance 10,000 ohms.
 Amplification Factor 29
 Mutual Conductance 2.9 mA/V.

BULB FINISH.

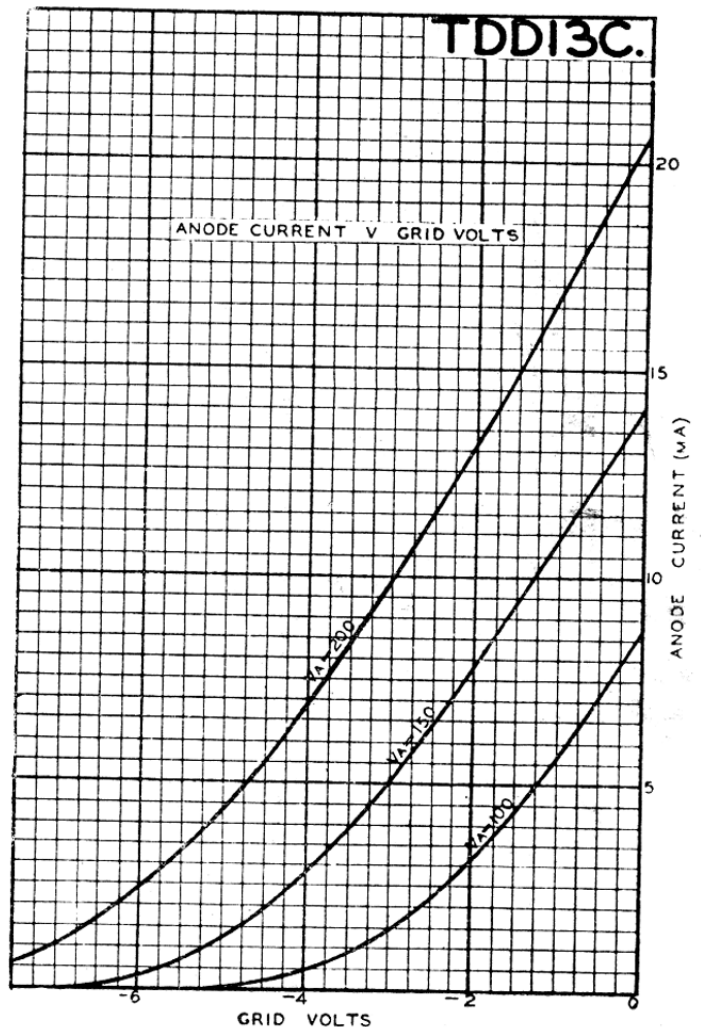
This valve is supplied with metallised bulb only.

APPLICATION.

The normal method of employing the T.D.D.13C is to use one diode as speech detector and the other diode for A.V.C., the triode portion being employed as a low frequency amplifier. Grid bias should be applied to the triode amplifier according to the following table, while for auto-bias a 5,500-ohms resistor should be used.

Anode Voltage.	Approx. Neg. Grid Bias Voltage.	Approx. Anode Current (mA).
100	1.5	4.5
150	2.5	6.5
200	3.5	8.5

For resistance-capacity coupling the optimum value of anode resistance is 50,000 ohms.



PRICE 12/6