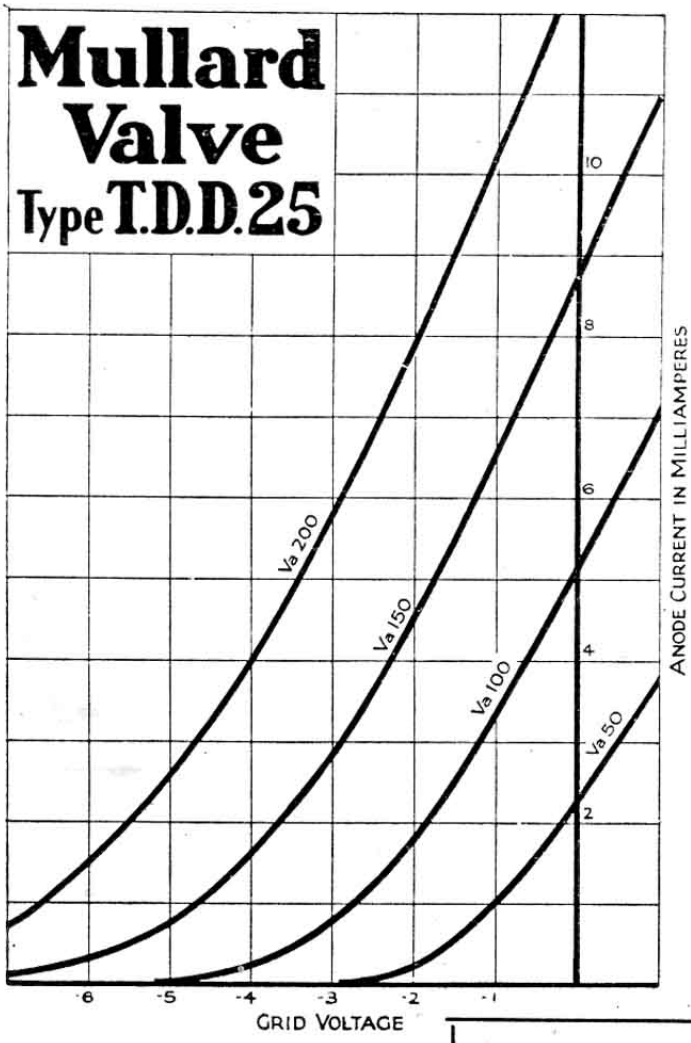
MULLARD INDIRECTLY HEATED D.C. MAINS DOUBLE-DIODE-TRIODE TYPE T.D.D.25



OPERATING DATA.

Heater Current	...	0·18 A.
Heater Voltage	...	25·0 V.
Max. Anode Voltage	...	200 V.

TRIODE CHARACTERISTICS.

(At Anode volts 100; Grid volts Zero.)

Anode Impedance	...	15,000 ohms.
Amplification Factor	... ...	30
Mutual Conductance	...	2·0 mA./V.

APPLICATION. The T.D.D.25. is a D.C. mains valve comprising two diodes and one triode in a single bulb. The diode portion can be used for detection and the triode portion as low frequency amplifier. Several alternative methods of employing this valve are possible. The two diodes can be used in push-pull to obtain full wave rectification, or one diode can be used as a half wave rectifier, the other being employed to obtain automatic volume control.

This valve is supplied with metallised bulb only.

GRID BIAS.

Negative grid bias should be applied to the triode portion in accordance with the accompanying table:—

For "automatic" bias the value of the biassing resistance is approximately 1,000 ohms.

BASE. Standard 7-pin. For connections see page 63.

Anode Voltage	Approx. Neg. Grid Bias Voltage	Approx. Anode Current (mA.)
100	2·0	2·0
150	3·0	3·0
200	4·0	4·0

PRICE 15/6

Mullard
THE·MASTER·VALVE