

TYPE D.O.24

MULLARD HIGH VOLTAGE OUTPUT VALVE

OPERATING DATA.

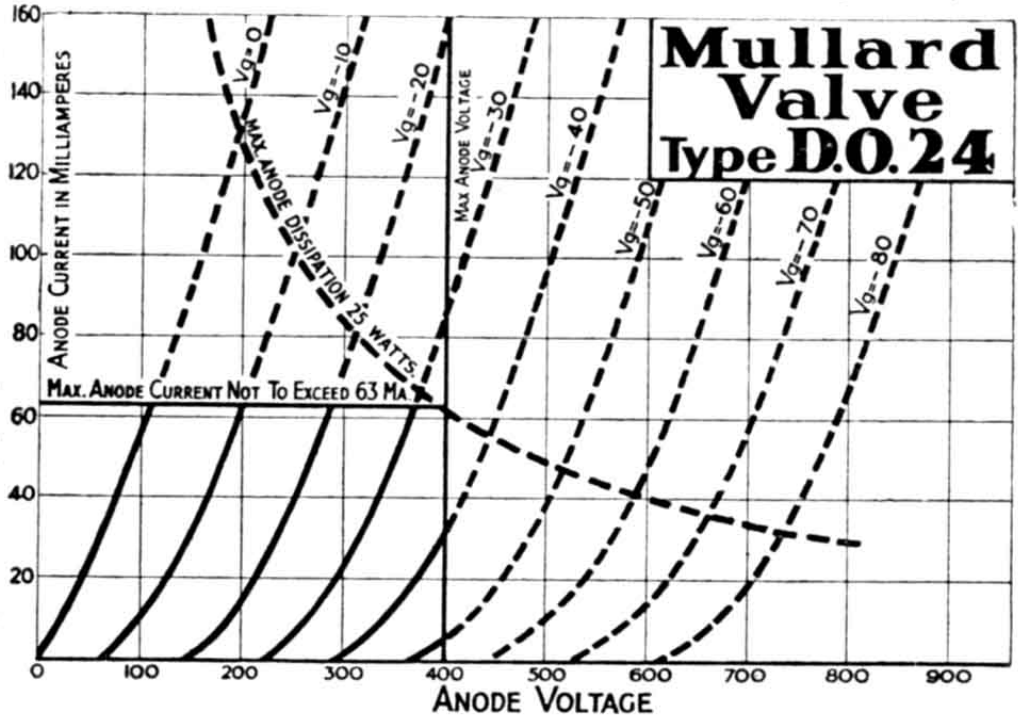
Filament Voltage ... 4.0 V.
 Filament Current ... 2.0 A.
 Max. Anode Voltage ... 400 V.
 Optimum Load ... 4,000 ohms.

CHARACTERISTICS.

(At Anode volts 100; Grid volts Zero.)
 Anode Impedance ... 1,390 ohms.
 Amplification Factor ... 9
 Mutual Conductance ... 6.5 mA./V.

APPLICATION.

As output valve in powerful receivers, gramophone amplifiers and medium sized public address equipments. The D.O.24 is a high magnification valve and will give a very large output for a grid input voltage of 24V. R.M.S. The amount of low frequency amplification in previous stages is thus kept at a minimum.



GRID BIAS.

Negative grid bias should be applied to the D.O.24 in accordance with the following table. Grid bias can be applied automatically by the arrangement in diagram No. 4 on page 56.

The value of the biasing resistance for anode volts 400 is 540 ohms. It is recommended that a fixed resistor of 450 ohms and a variable resistor of 250 ohms be used in series, thus providing a margin for adjustment.

Anode Voltage	Approx. Neg. Grid Bias Voltage	Approx. Anode Current (mA.)
200	13.0	40.0
300	24.0	50.0
400	34.0	63.0

PRICE 25/-



Mullard

THE MASTER VALVE

