

# 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.

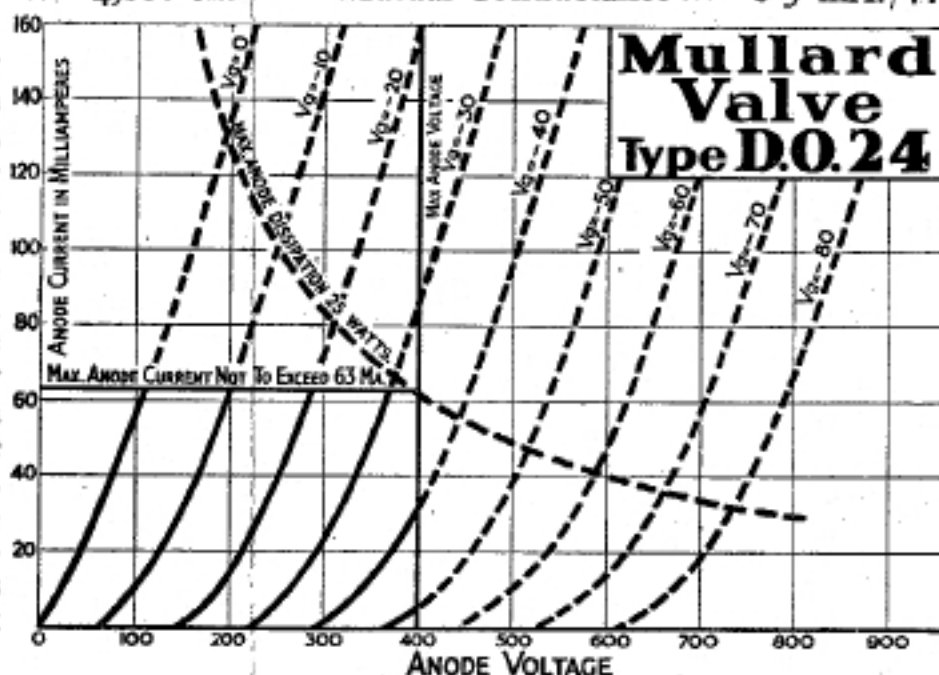
## APPLICATION.

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**

