MULLARD HIGH VOLTAGE OUTPUT VALVE

TYPE D.O.75

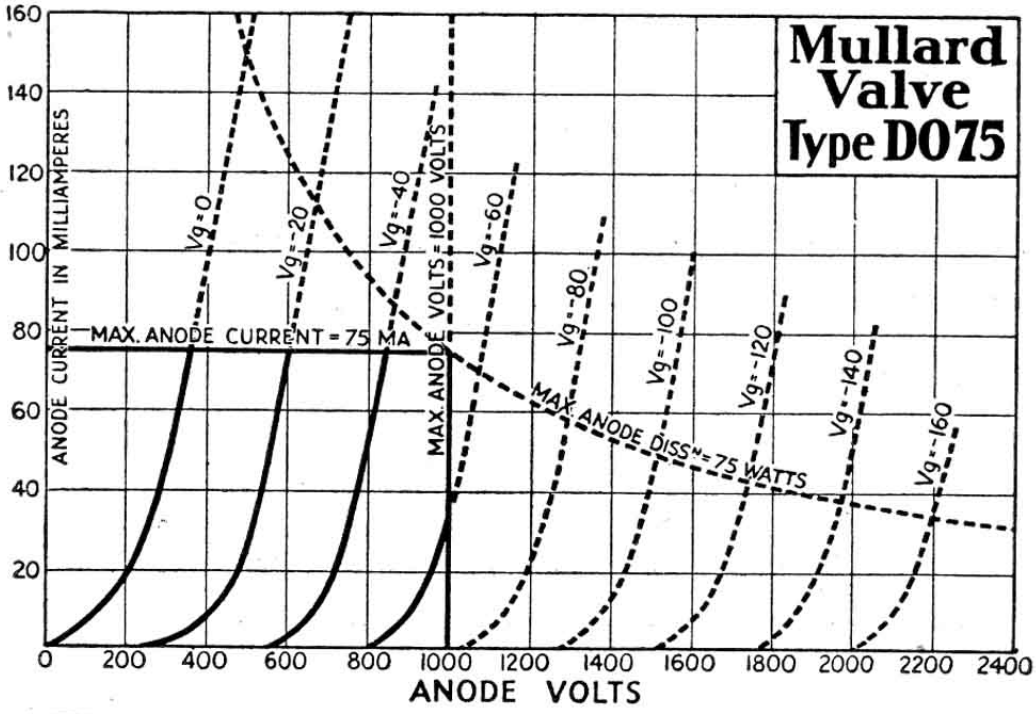
OPERATING DATA.

Filament Voltage	...	10·0 V.
Filament Current	...	2·0 A.
Max. Anode Voltage	...	1,000 V.
Optimum Load	...	6,000 ohms.
Maximum Output (with 5% distortion)	...	18,000 milli-watts.

CHARACTERISTICS.

(Under Operating Conditions, viz., Anode volts 1,000; Anode Current 75 mA.)

Anode Impedance	...	2,000 ohms.
Amplification Factor	... ...	12
Mutual Conductance	...	6·0 mA./V.



Anode Voltage	Approx. Neg. Grid Bias Voltage	Approx. Anode Current (mA.)
600	25·0	45·0
800	40·0	60·0
1,000	55·0	75·0

APPLICATION.

As output valve in large public address and other powerful amplifiers where an output up to 18,000 milliwatts is required and a high tension supply at 1,000 V. is available. The D.O.75 has a high amplification factor for a valve of this type, and for full output requires a grid input of only 39V. R.M.S.

GRID BIAS.

Negative grid bias should be applied to the D.O.75 in accordance with the following table.

Grid bias may be applied automatically by the arrangement shown in diagram No. 4 on page 56. The value of the biassing resistance for anode volts 1,000 is 735 ohms. It is recommended that a fixed resistor of 500 ohms and a variable resistor of 500 ohms be used in series, thus providing a margin for adjustment.

PRICE £8 0 0

Special Holder 12/6 nett.

Mullard

THE·MASTER·VALVE