

Mullard

DOUBLE DIODE OUTPUT PENTODE

CBL1

Heater (This valve is suitable
for D.C./A.C. operation)

Vf = 44.0 V
If = 0.2 A

Capacities

Cdd'	< 0.25	uuf
Cdk	3.1	uuf
Cd'k	3.2	uuf
Cda	0.2	uuf
Cd'a	0.2	uuf
Cdg	0.08	uuf
Cd'g	0.08	uuf

Operating Conditions

Va	200	V
Vg2	200	V
Vg1	-8.5	V
Ia	45	mA
Ig2	6	mA
S	8	mA/V
Ri	35,000	ohms
Ra	4,500	ohms
Vg1 eff.	5	V
Vg1 eff (Wo = 50 mW)	0.5	V
Wo	4	W
dtot	10	%
Rk	167	ohms

Limiting Values

Vao max.	550	V
Va max	250	V
Wa max	9	W
Ik max	70	mA
Vg2o max.	550	V
Vg2 max.	250	V
Wg2 max.	2	W
Vg1 max (Igl = + 0.3 uA)	-1.3	V
Rgla max.	1	megohm

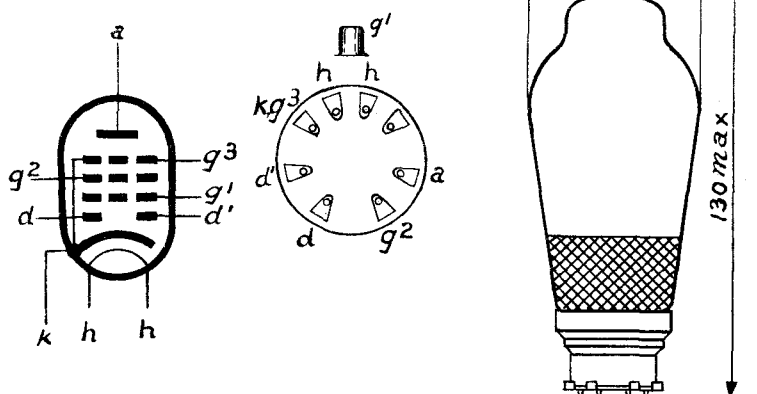
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$V_{fk} \text{ max.}$	125	V
$R_{fk} \text{ max.}$	5,000	ohms
$V_d \text{ max.}$	200	V
$V_{d'} \text{ max.}$	200	V
$I_d \text{ max.}$	0.8	mA
$I_{d'} \text{ max.}$	0.8	mA
$V_d \text{ max (} I_d = + 0.3 \text{ uA)}$	-1.3	V
$V_{d'} \text{ max (} I_{d'} = + 0.3 \text{ uA)}$	-1.3	V

Arrangement of electrodes and base connections.

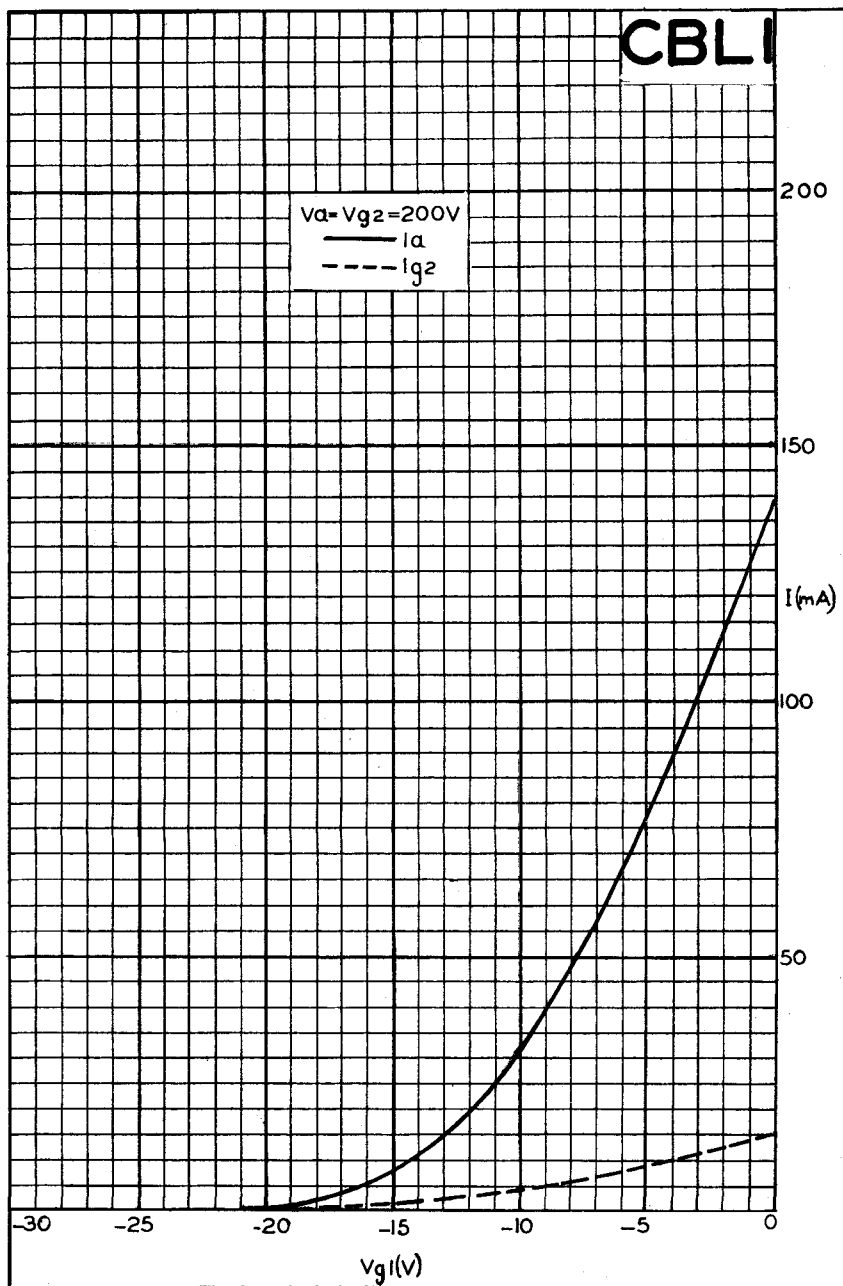


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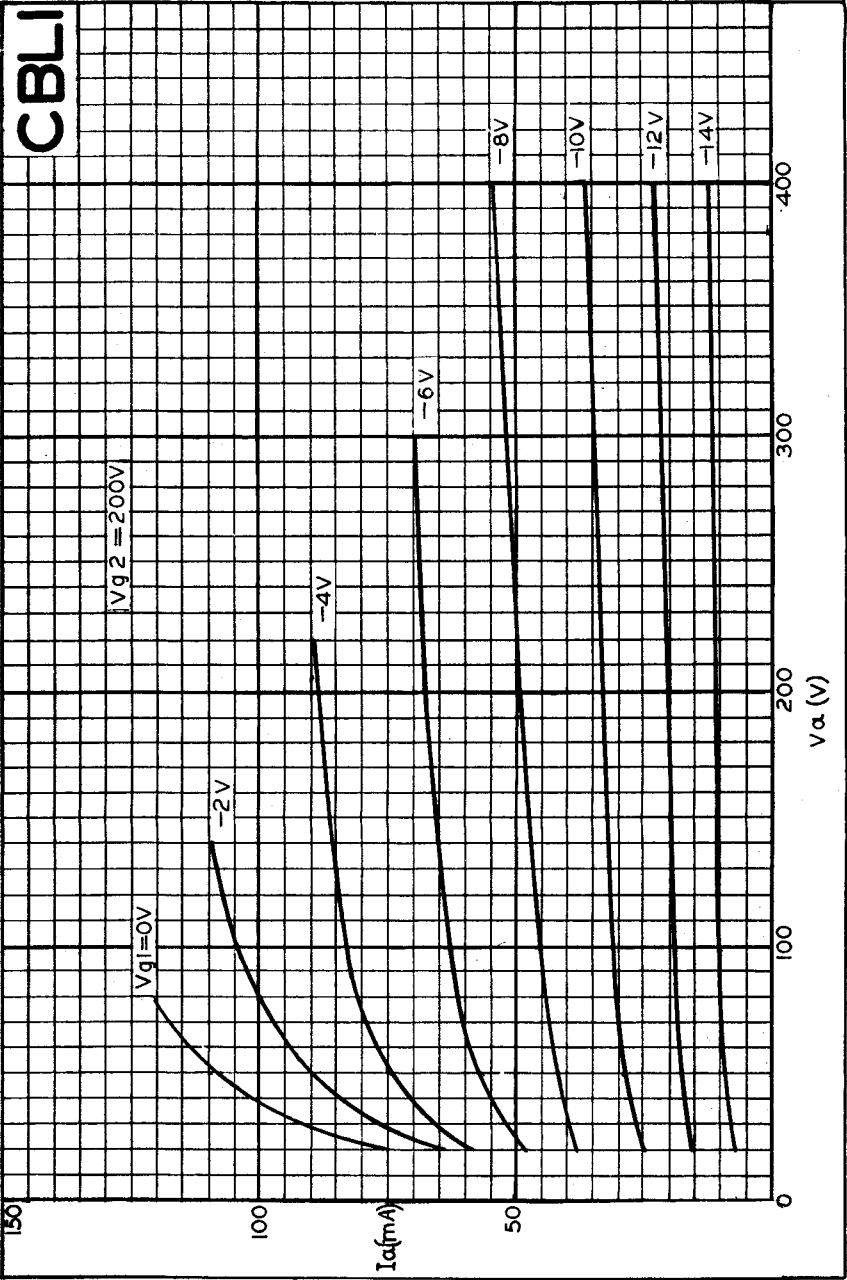
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