

Mullard OUTPUT PENTODE

EL2

Heater Vf = 6.3 V
If = 0.2 A

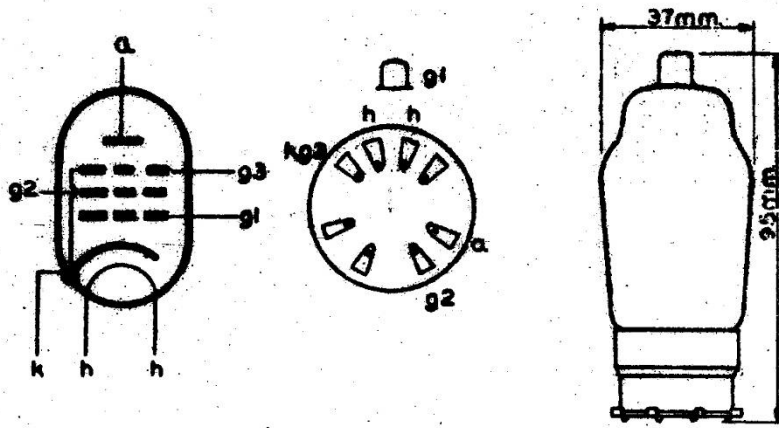
Operating Conditions

Va	.....	250	V
Vg2	.....	250	V
Vg1	.....	-18	V
Ia	.....	32	mA
Ig2	.....	5	mA
S (Ia = 32 mA)	.....	2.8	mA/V
Ri (Ia = 32 mA)	.....	70,000	ohms
Ra	.....	8,000	ohms
Wo	.....	3.6	W
Vg1 eff	.....	10	V

Operating Conditions for 2 valves in push-pull

Va	300	350	V
Vg2	300	350	V
Rk (for both valves)	300	310	ohms
Iao	2x21	2x27.5	mA
Ia max	2x24.5	2x32	mA
Ig2o	2x5.85	2x4.4	mA
Ig2 max	2x6.1	2x8.0	mA
Ra (anode to anode)	9,000	8,000	ohms
Wo max	4.1	8.1	W
dot	1.8	1.5	°

Arrangement of electrodes and base connections.



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Limiting Values

V _{ao} max	550	V
V _a max	250	V
W _a max	8	W
I _k max	45	mA
V _{g2o} max	550	V
V _{g2} max	250	V
W _{g2} max	.....	1.6	W
V _{g1} max (I _{g1} = + 0.3 uA)	.....	-1.3	V
R _{fk} max	.....	5,000	ohms
R _{g1a} max	.....	1	megohm
R _{g1f} max	.....	0.6	megohm
V _{fk} max	.....	50	V

→ Operating Conditions as triode

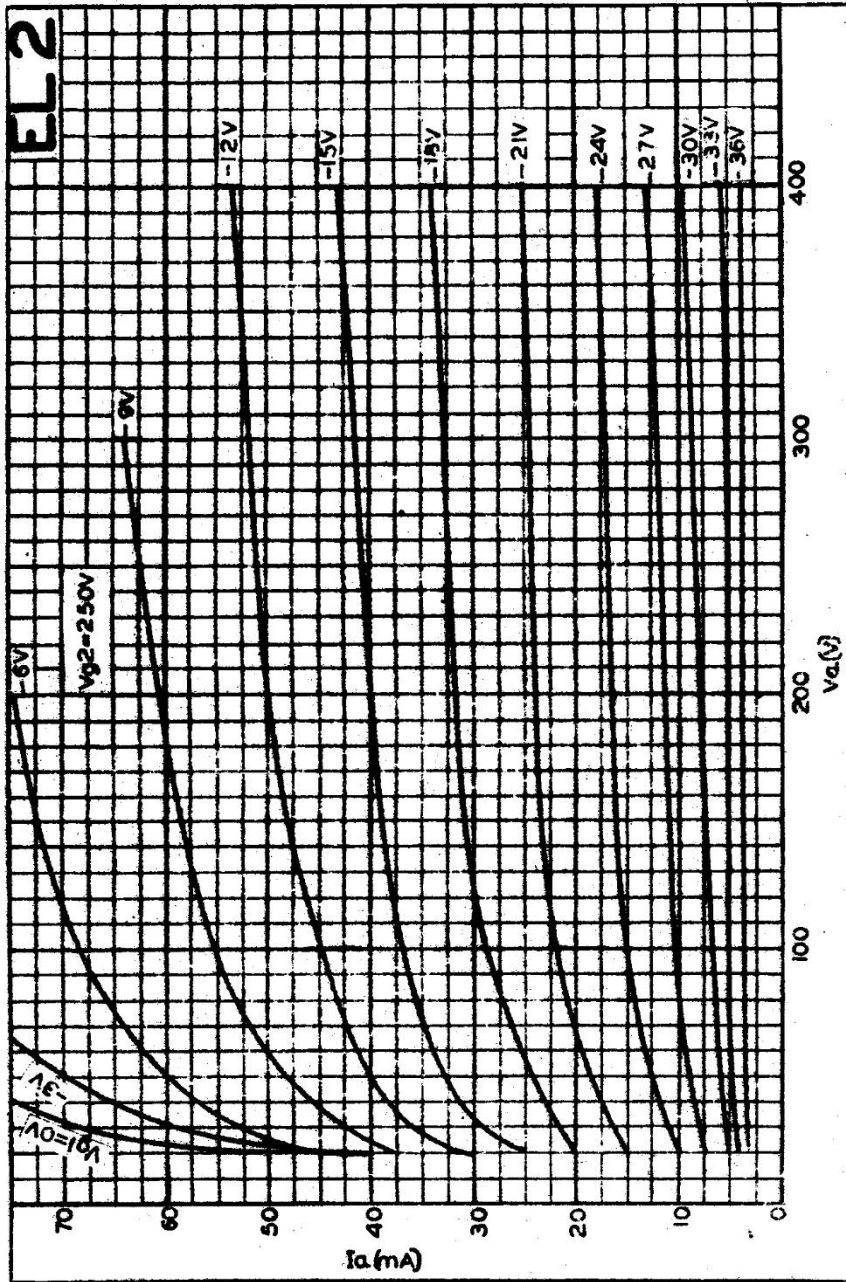
V _a	200	200	250	250	V
-V _{g1}	19	14	27	20	V
I _a	15	30	15	30	mA
S	2.1	3.2	1.7	2.6	mA/V
R _i	3,300	2,400	4,100	3,100	ohms
S	7	8	7	8	

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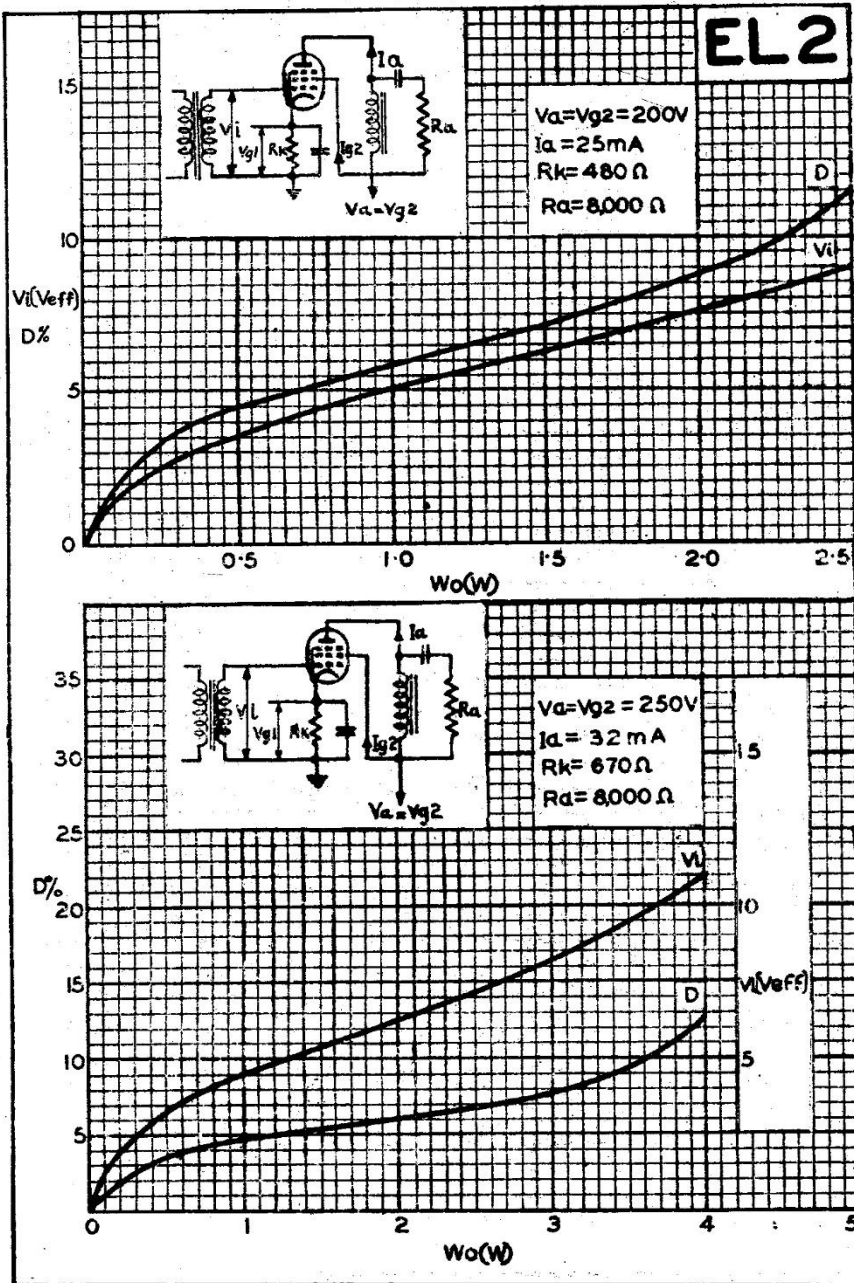
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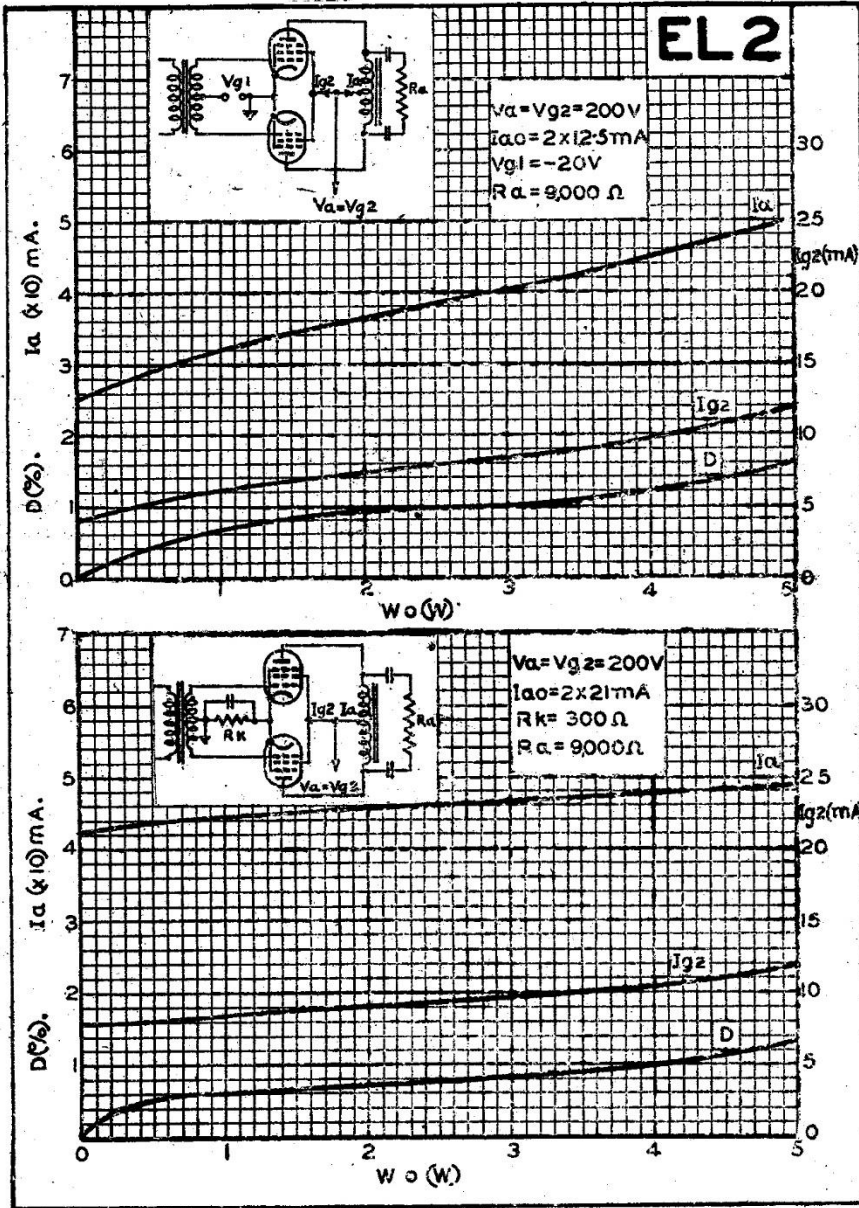
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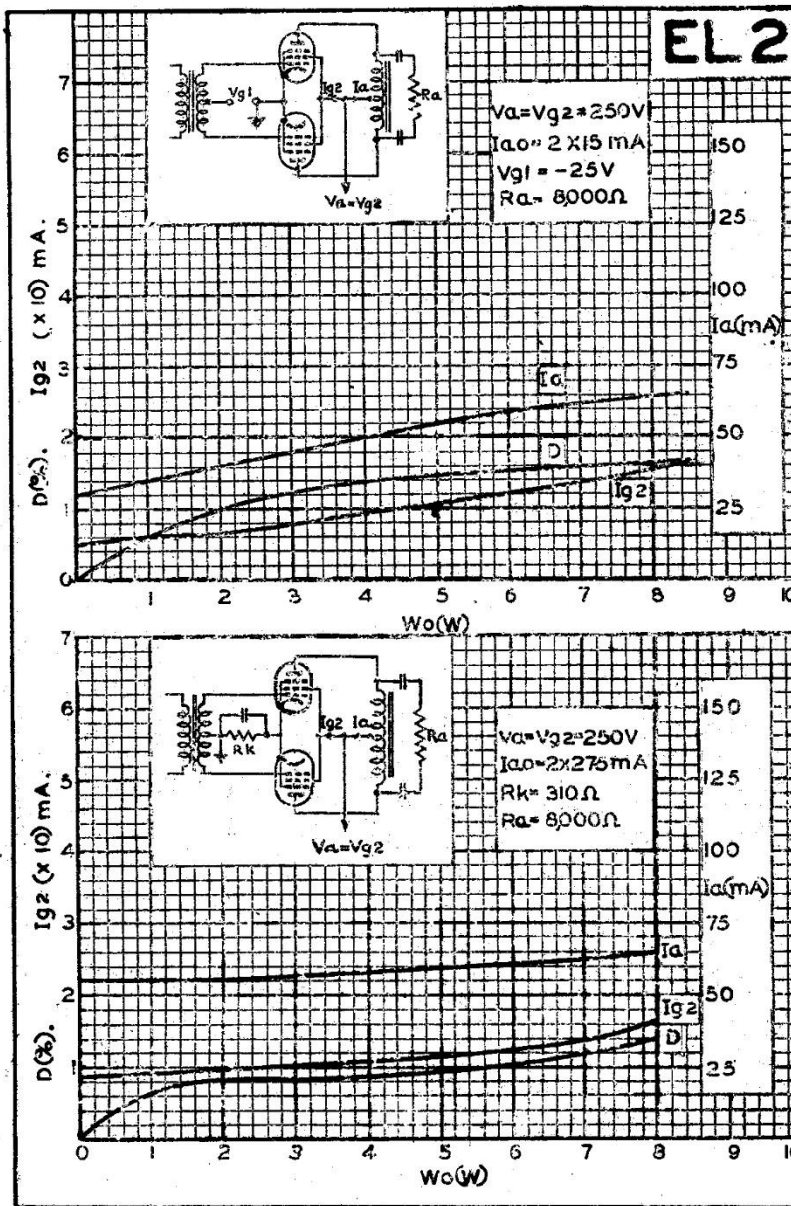
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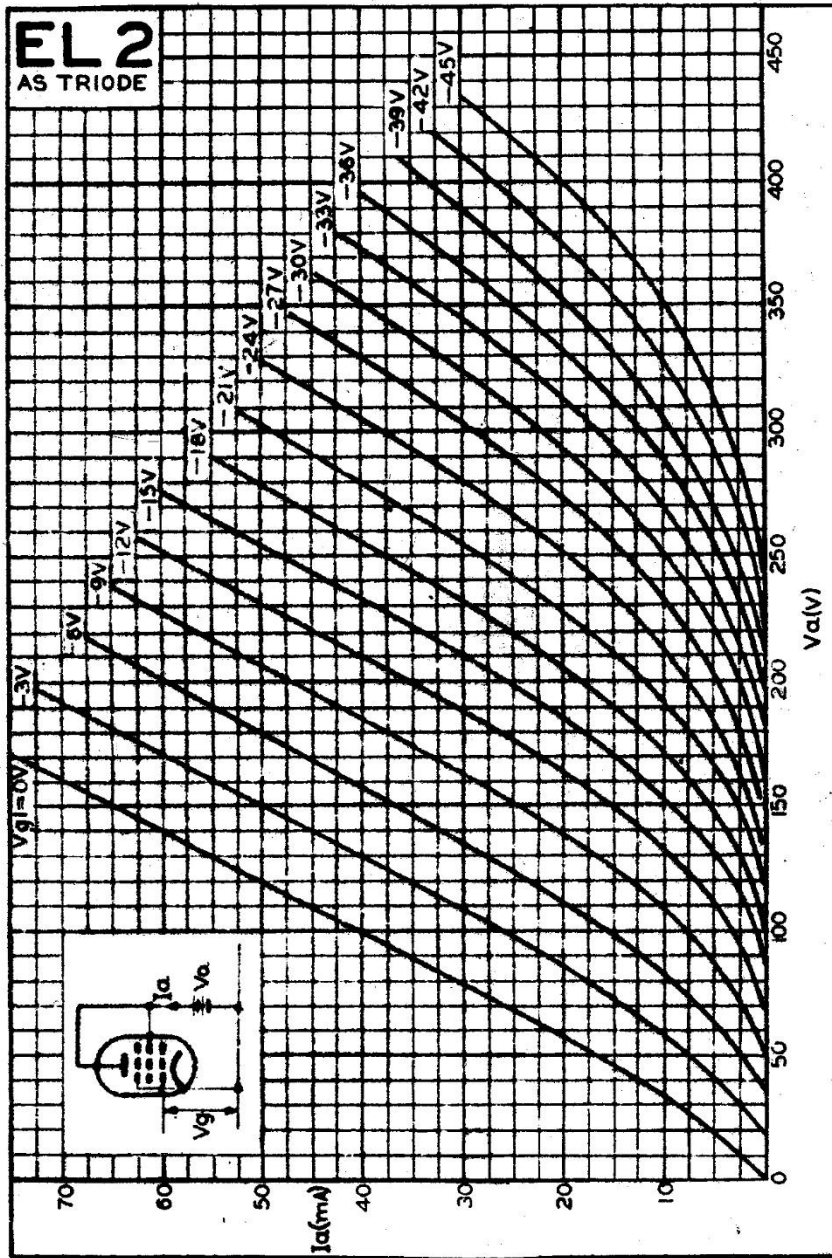
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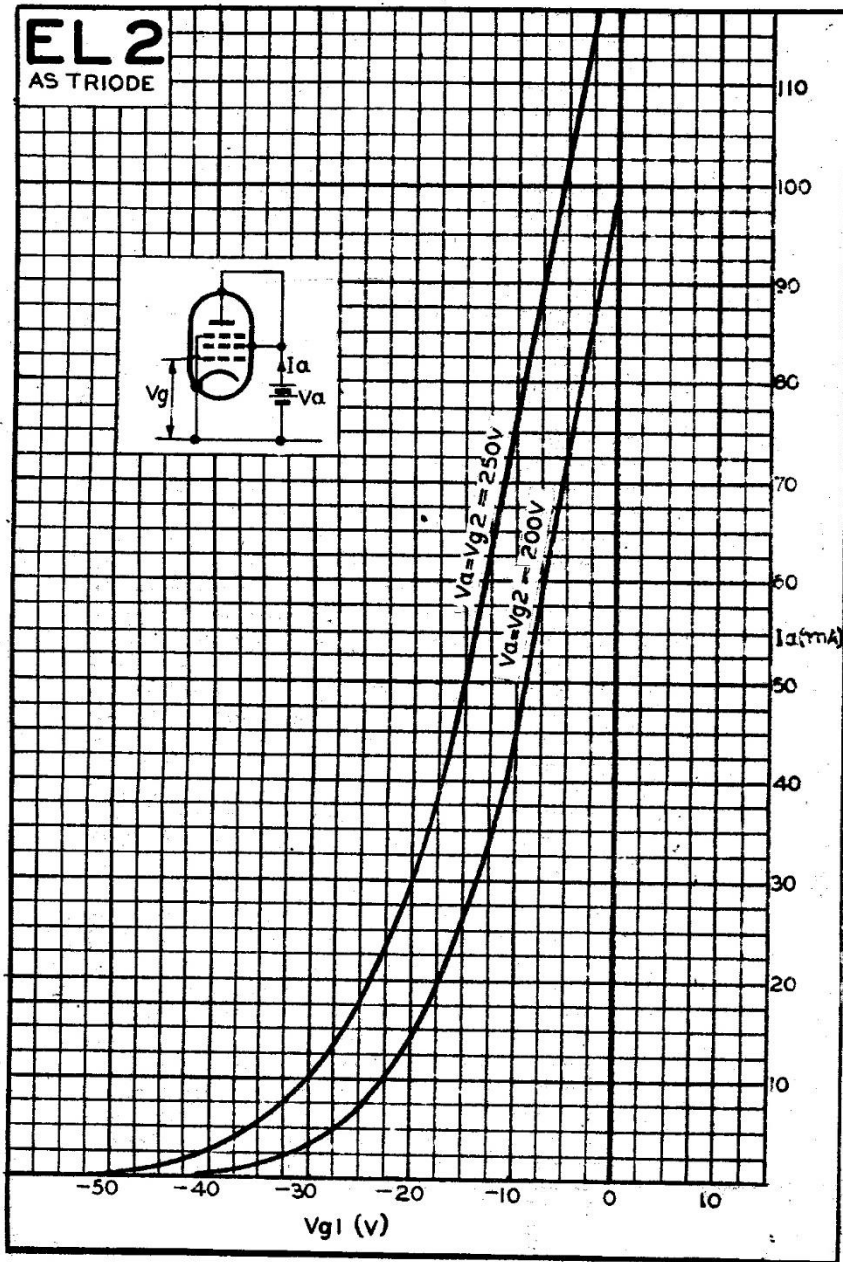
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