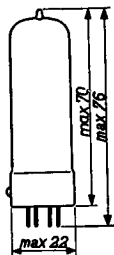
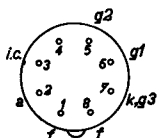
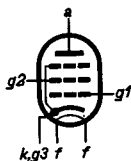


OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTHODE

Heating: indirect by A.C. or D.C.;
parallel supply
Chauffage: indirect par C.A. ou C.C.; $V_f = 6,3$ V
alimentation en parallèle $I_f = 0,71$ A
Heizung: indirekt durch Wechsel-
oder Gleichstrom;
Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: Rimlock

Capacitances
Capacités
Kapazitäten

$C_a = 7,8$ pF
 $C_{g1} = 10,2$ pF
 $C_{ag1} < 1$ pF
 $C_{g1f} < 0,15$ pF

Operating characteristics class A
 Caractéristiques d'utilisation classe A
 Betriebsdaten Klasse A

V_a	=	250 V
V_{g2}	=	250 V
R_k	=	170 Ω
I_a	=	36 mA
I_{g2}	=	5,2 mA
S	=	10 mA/V
R_i	=	40 k Ω
R_a	=	7 k Ω
W_o ($d_{tot} = 10\%$)	=	3,9 W
V_i ($d_{tot} = 10\%$)	=	3,8 V_{eff}
W_o ($I_{g1} = +0,3 \mu A$)	=	4,8 W
V_i ($W_o = 50$ mW)	=	0,32 V_{eff}
μg_{2g1}	=	22

Operating characteristics class AB
 Caractéristiques d'utilisation classe AB
 Betriebsdaten Klasse AB

V_a	=	250	V
V_{g2}	=	250	V
R_k	=	85	Ω
R_{aa}	=	7	k Ω
V_i	=	0	5,6 V_{eff}
I_a	=	2x36	2x39,5 mA
I_{g2}	=	2x5,2	2x8 mA
W_o	=	0	9,4 W
d_{tot}	=	-	4,6 %

Operating conditions class A in triode connection
(g2 connected to anode)

Caractéristiques d'utilisation classe A en connexion
triode (g2 reliée à l'anode)

Betriebsdaten Klasse A in Triodenschaltung (g2 ver-
bunden mit Anode)

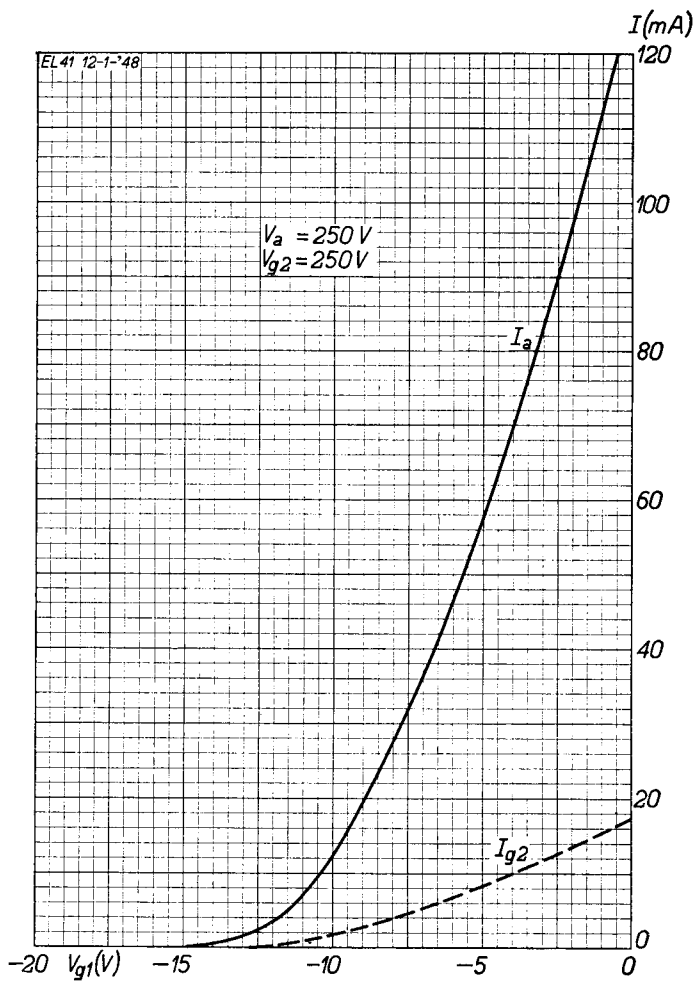
$V_a = V_{g2}$	=	250 V
R_k	=	250 Ω
R_a	=	3,5 k Ω
$I_a + I_{g2}$	=	33 mA
W_o	=	1,55 W
V_i	=	6 V _{eff}
d	=	8 %

Limiting values

Caractéristiques limites

Grenzdaten

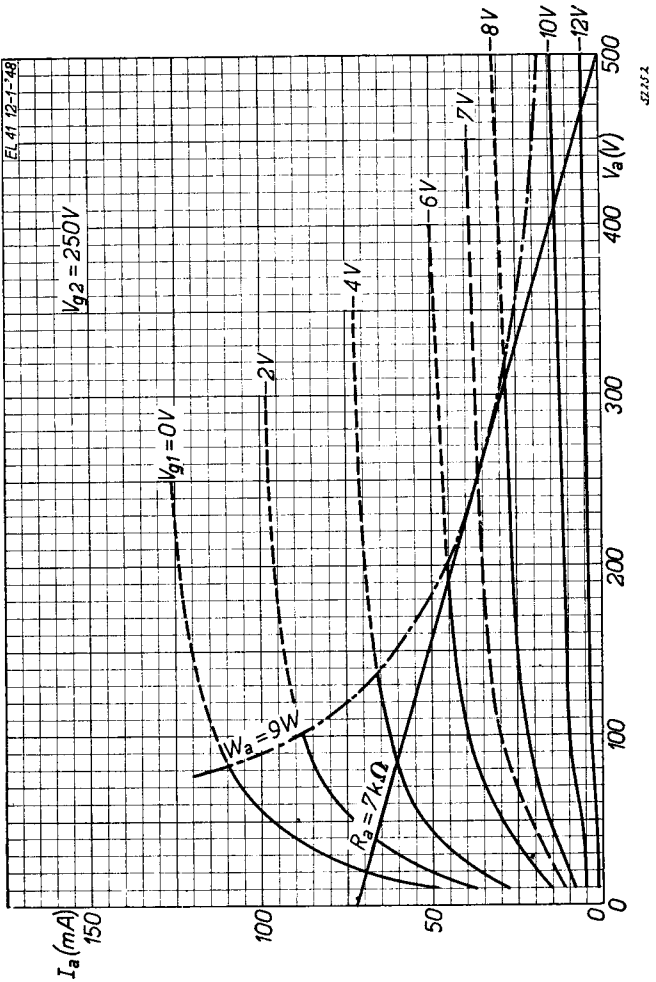
V_{a_o}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	9 W
V_{g2_o}	= max.	550 V
V_{g2}	= max.	300 V
$W_{g2} (V_i = 0)$	= max.	1,4 W
$W_{g2} (W_o = \text{max.})$	= max.	3,3 W
I_k	= max.	55 mA
$V_{g1} (I_{g1} = +0,3\mu A)$	= max.	-1,3 V
R_{g1}	= max.	1 M Ω
V_{fk}	= max.	100 V
R_{fk}	= max.	20 k Ω



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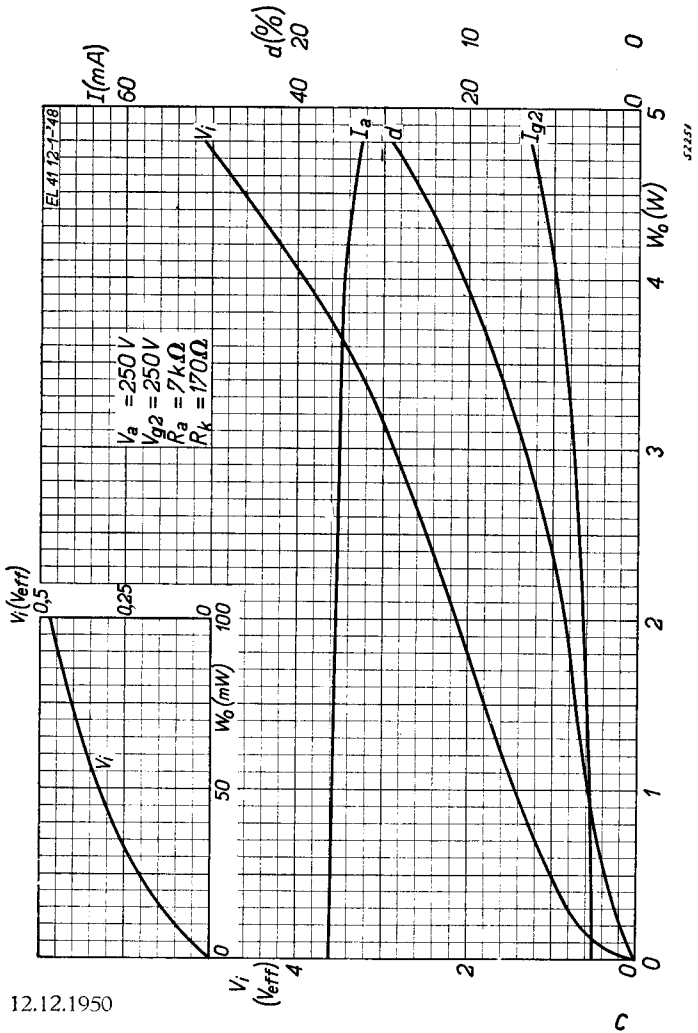
EL 41

PHILIPS

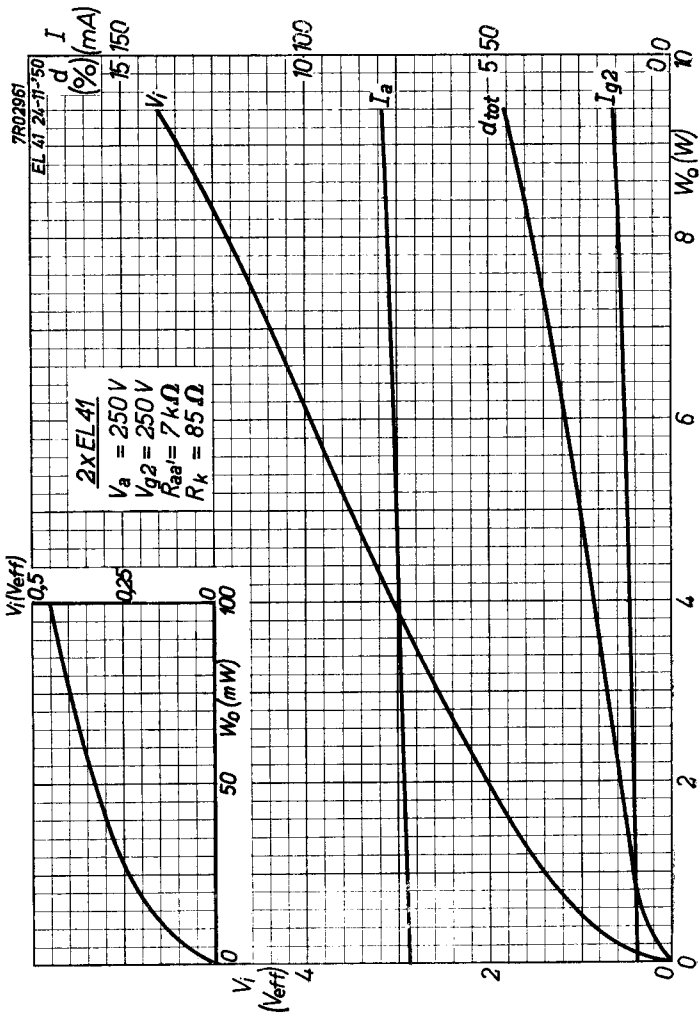


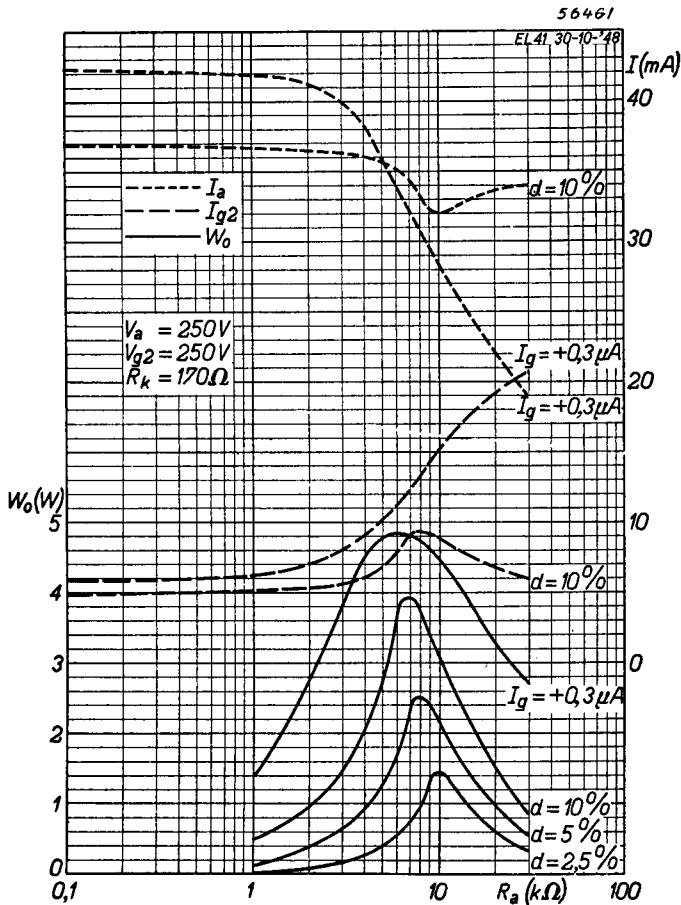
1.3.1948

B



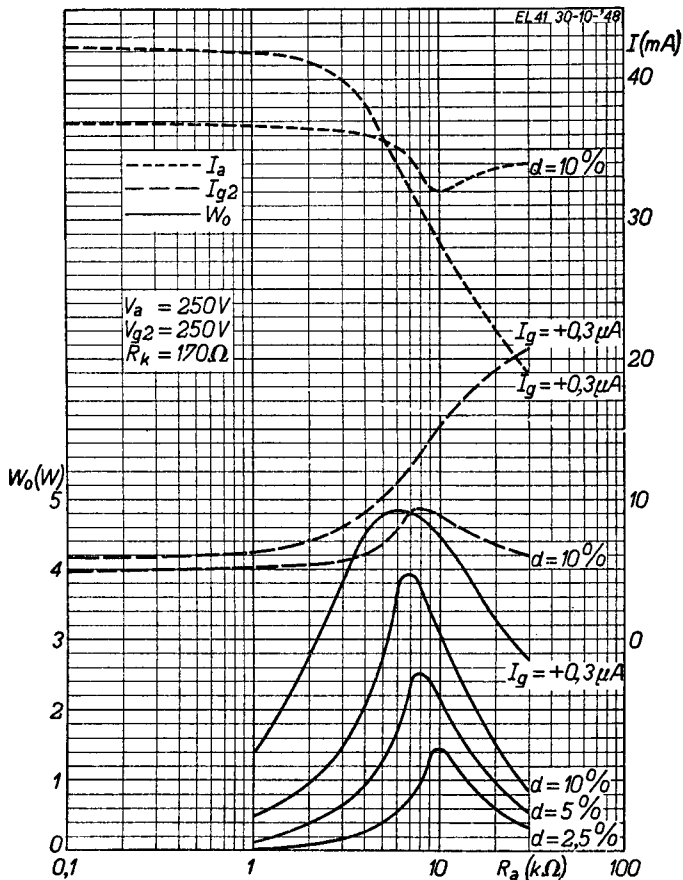
12.12.1950

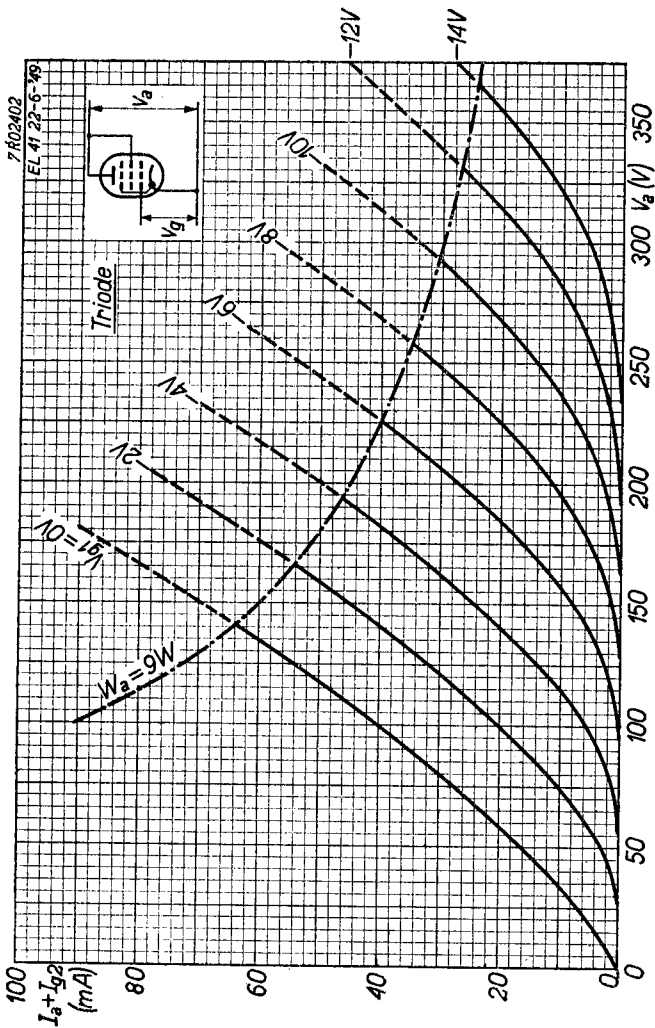
EL 41**PHILIPS**



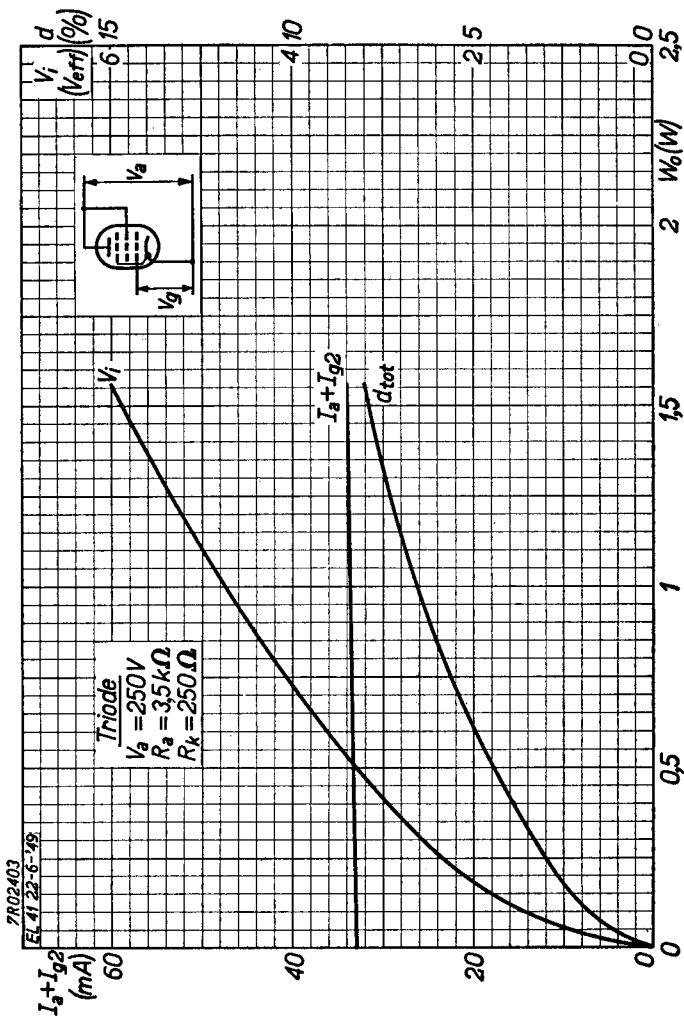
56461

EL 41.30-10-'48



EL 41**PHILIPS**

F



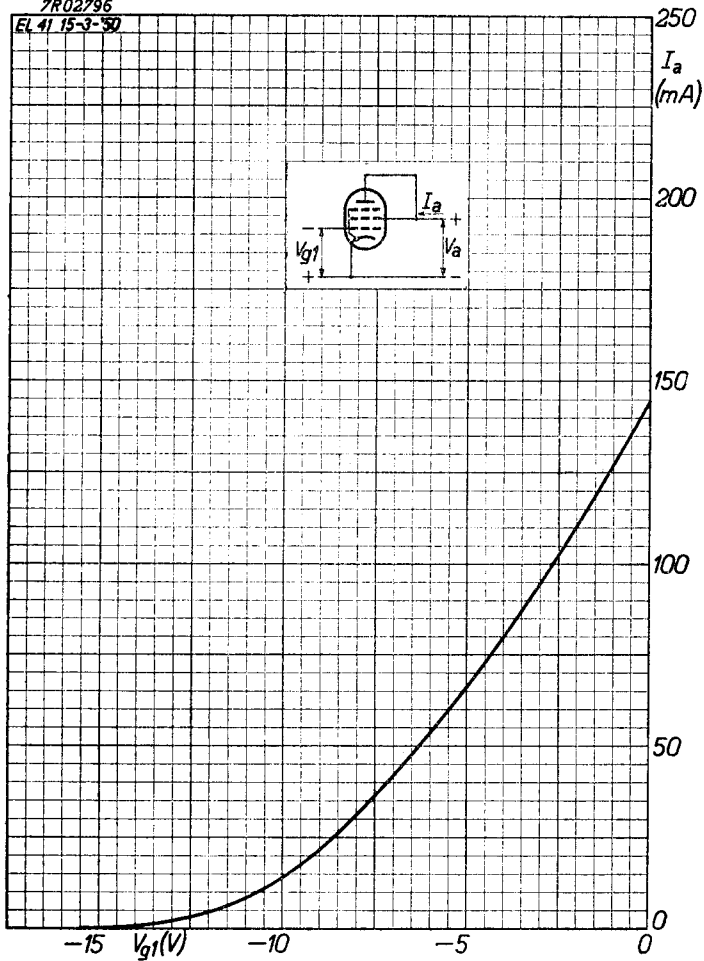
4.4.1950

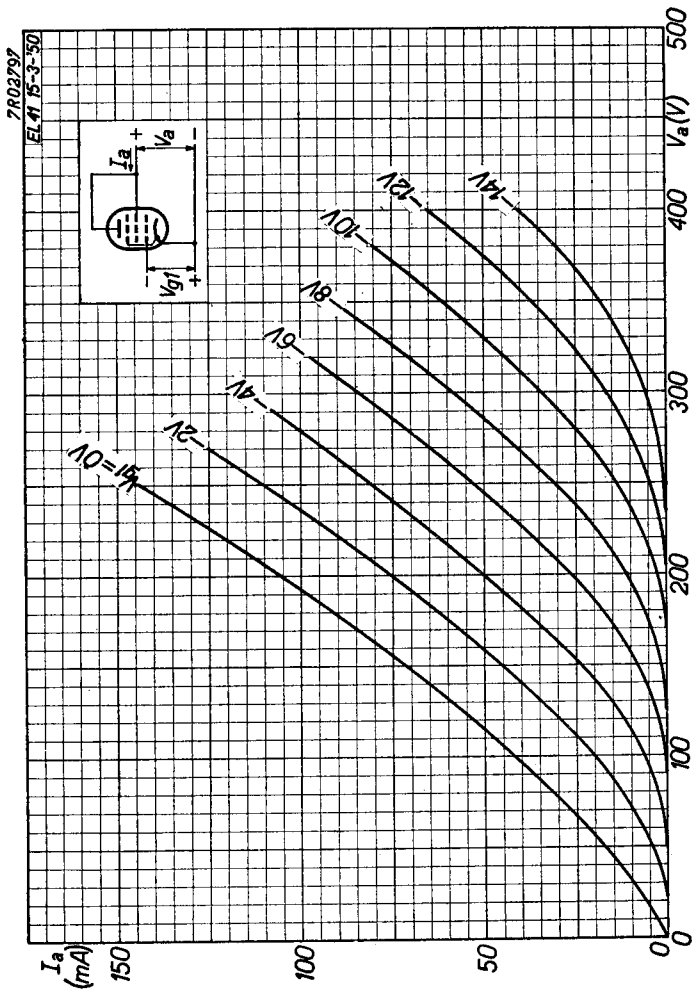
G

EL 41**PHILIPS**

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EL 41 15-3-50





PHILIPS

*Electronic
Tube*

HANDBOOK

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5	B	1948.03.01
6	C	1952.12.12
7	D	1952.12.12
8	E	1949.07.07
9	E	1957.10.10
10	F	1949.07.07
11	G	1950.04.04
12	H	1950.04.04
13	I	1950.04.04
14	FP	2000.01.06