

TRIODE-PENTODE with separate cathodes. Triode for use in circuits for keyed A.G.C., sync-separation, sync-amplification and noise suppression. Pentode for use as video output tube

TRIODE PENTHODE avec cathodes séparées. La triode pour utilisation dans circuits pour le C.A.V. verrouillé, pour la séparation de synchronisation, l'amplification de synchronisation et la suppression de bruit. La penthode pour utilisation comme tube de sortie vidéo

TRIODE PENTODE mit getrennten Katoden. Triode zur Verwendung in Schaltungen für getastete Schwundregelung, Synchronisationsabtrennung, Synchronisationsverstärkung und Stör-
unterdrückung. Pentode zur Verwendung als Video-Endröhre

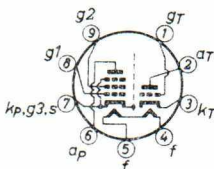
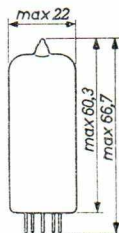
Heating : indirect by A.C. or D.C.
series supply

Chauffage: indirect par C.A. ou C.C.
alimentation série

Heizung : indirekt durch Wechsel-
oder Gleichstrom; Serien-
speisung

$$\frac{I_f = 300 \text{ mA}}{V_f = 15 \text{ V}}$$

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: NOVAL

Capacitances
Capacités
Kapazitäten

Triode section
Partie triode
Triodenteil

Pentode section
Partie penthode
Pentodenteil

$C_g = 4 \text{ pF}$
 $C_a = 2,5 \text{ pF}$
 $C_{ag} = 2,7 \text{ pF}$
 $C_{gf} > 0,1 \text{ pF}$
 $C_{gf} < 0,15 \text{ pF}$

$C_{g1} = 9 \text{ pF}$
 $C_a = 4,5 \text{ pF}$
 $C_{ag1} < 0,1 \text{ pF}$

Between triode and pentode section
Entre la partie triode et penthode
Zwischen Trioden- und Pentodenteil

$C_{aTg1P} < 0,01 \text{ pF}$

$C_{gTg1P} < 0,01 \text{ pF}$

Typical characteristics of the triode section
 Caractéristiques types de la partie triode
 Kenndaten des Triodenteils

V_a	=	200 V
V_g	=	-1,7 V
I_a	=	3 mA
S	=	4 mA/V
μ	=	65
$-V_g$ ($I_g = +0,3 \mu A$)	=	1,3 V

Typical characteristics of the pentode section
 Caractéristiques types de la partie penthode
 Kenndaten des Pentodenteils

V_a	=	170	200	220 V
V_{g2}	=	170	200	220 V
V_{g1}	=	-2,1	-2,9	-3,4 V
I_a	=	18	18	18 mA
I_{g2}	=	3,1	3,1	3,1 mA
S	=	11	10,4	10 mA/V
R_1	=	100	130	150 k Ω
H_{g2g1}	=	36	36	36
$-V_{g1}$ ($I_{g1} = +0,3 \mu A$)	=	1,3	1,3	1,3

Limiting values of the pentode section
Caractéristiques limites de la partie penthode
Grenzdaten des Pentodenteils

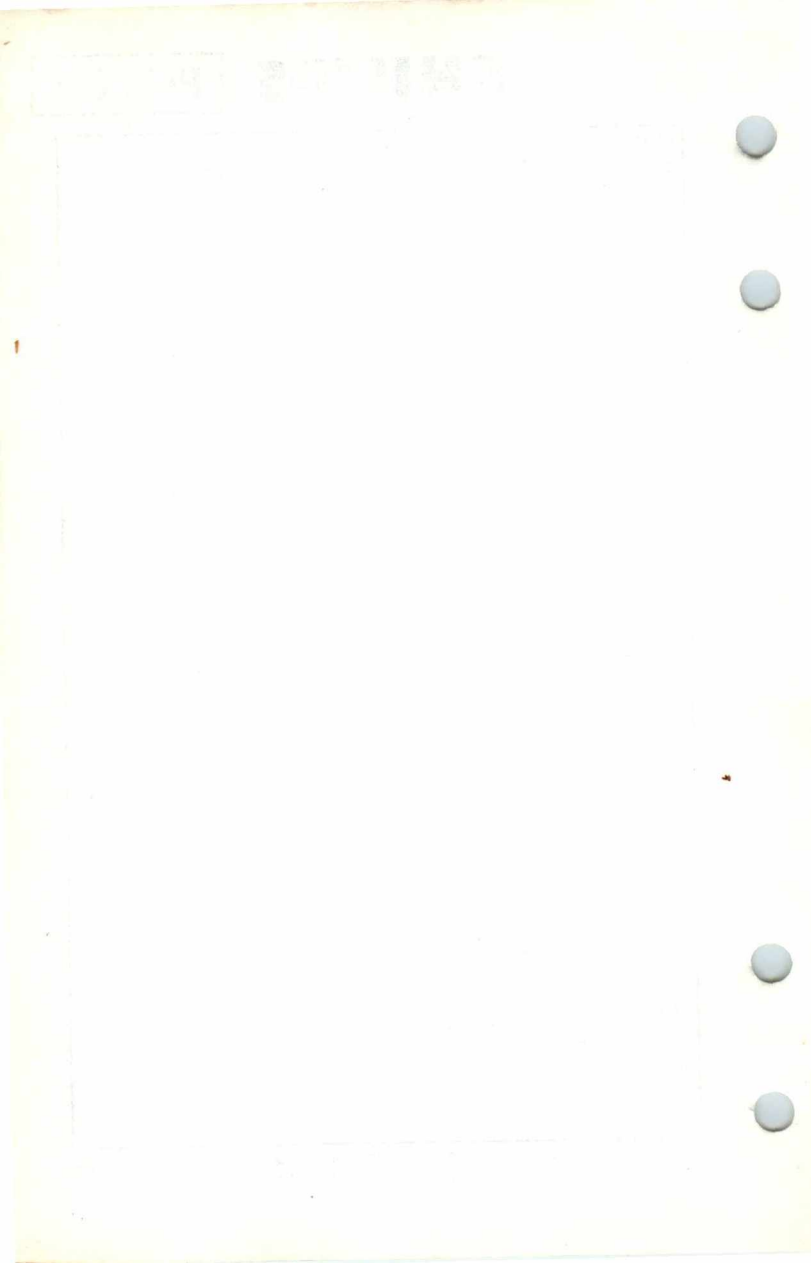
V_{a0}	= max.	550 V
V_a	= max.	250 V
W_a	= max.	4 W
V_{g20}	= max.	550 V
V_{g2}	= max.	250 V
W_{g2}	= max.	1,7 W
I_k	= max.	40 mA
R_{g1}	= max.	1 M Ω ¹⁾
R_{g1}	= max.	2 M Ω ²⁾
V_{kf}	= max.	200 V
R_{kf}	= max.	20 k Ω

Limiting values of the triode section
Caractéristiques limites de la partie triode
Grenzdaten des Triodenteils

V_{a0}	= max.	550 V
V_a	= max.	250 V
V_{ap}	= max.	400 V
W_a	= max.	1 W
I_k	= max.	12 mA
R_g	= max.	1 M Ω ¹⁾
R_g	= max.	3 M Ω ²⁾
V_{kf} (k neg.; f pos.)	= max.	150 V
V_{kf} (k pos.; f neg.)	= max.	200 V = +150 V _{eff}
R_{kf}	= max.	20 k Ω

¹⁾ Fixed bias
Polarisation fixe
Feste Vorspannung

²⁾ Automatic bias
Polarisation automatique
Automatische Vorspannung



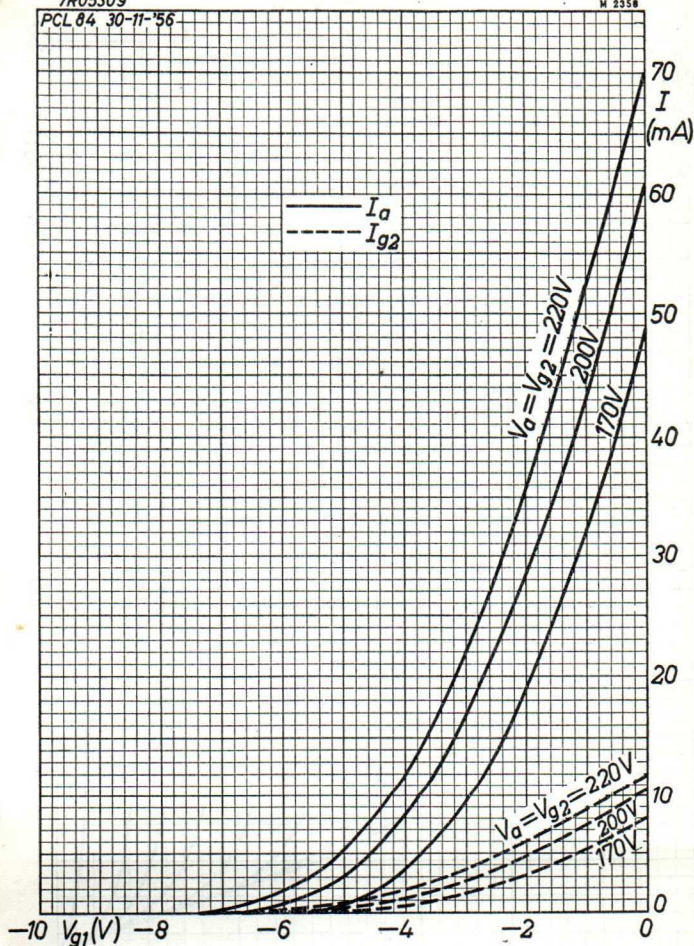
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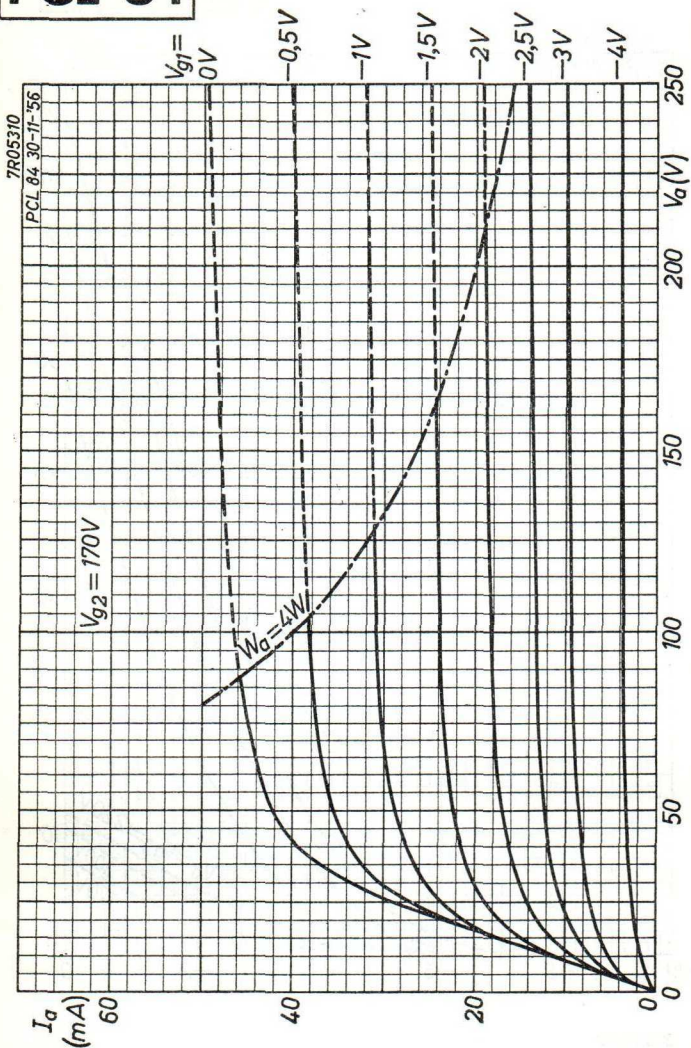


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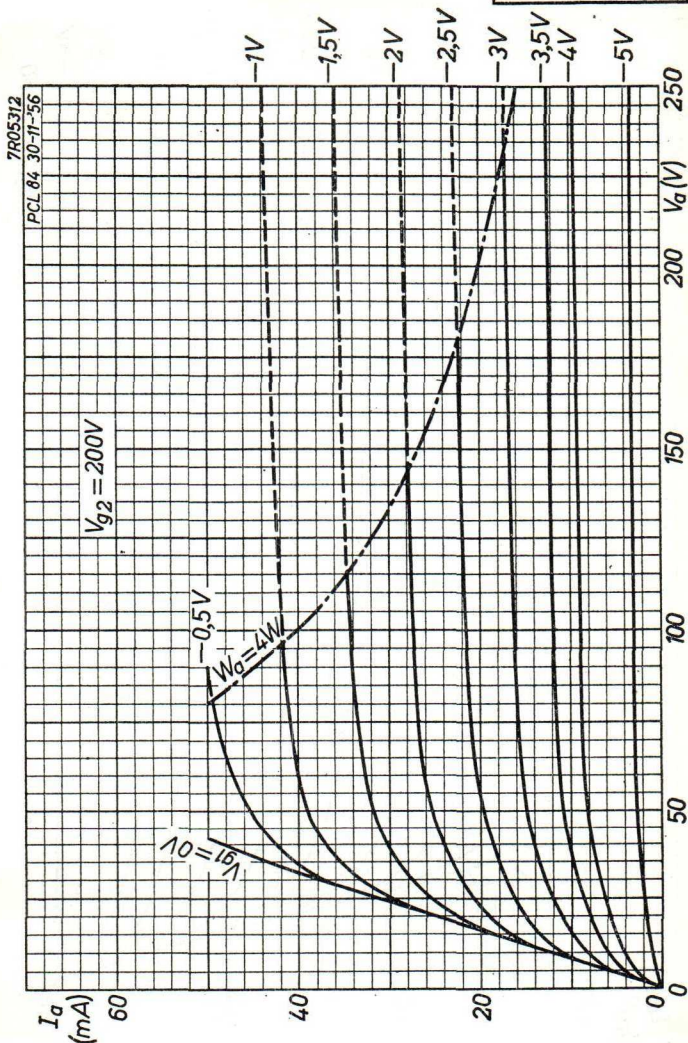
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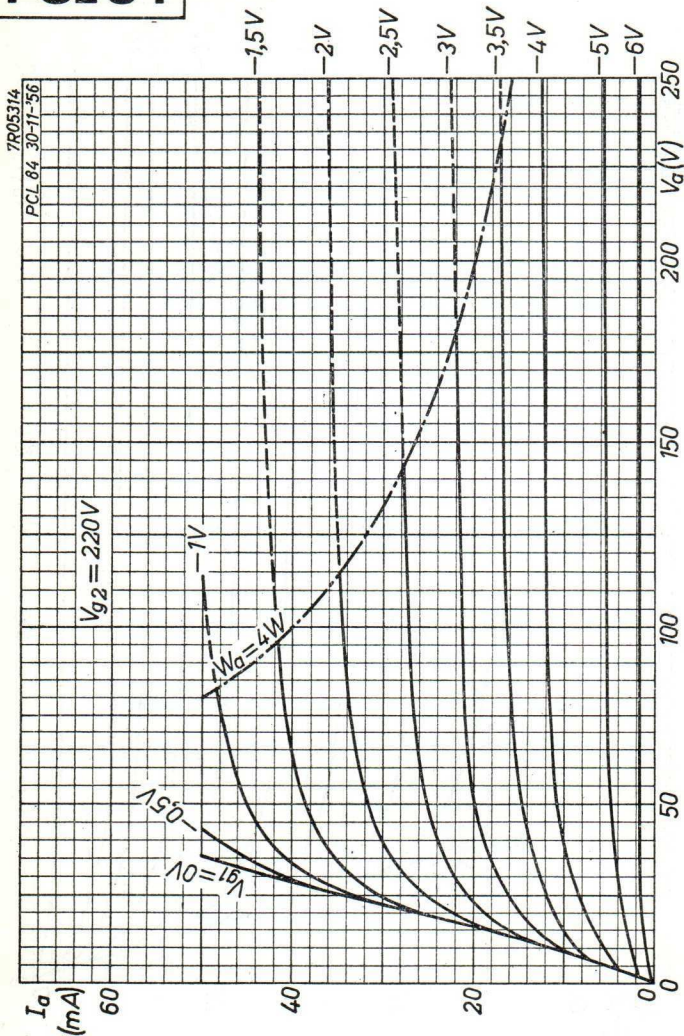


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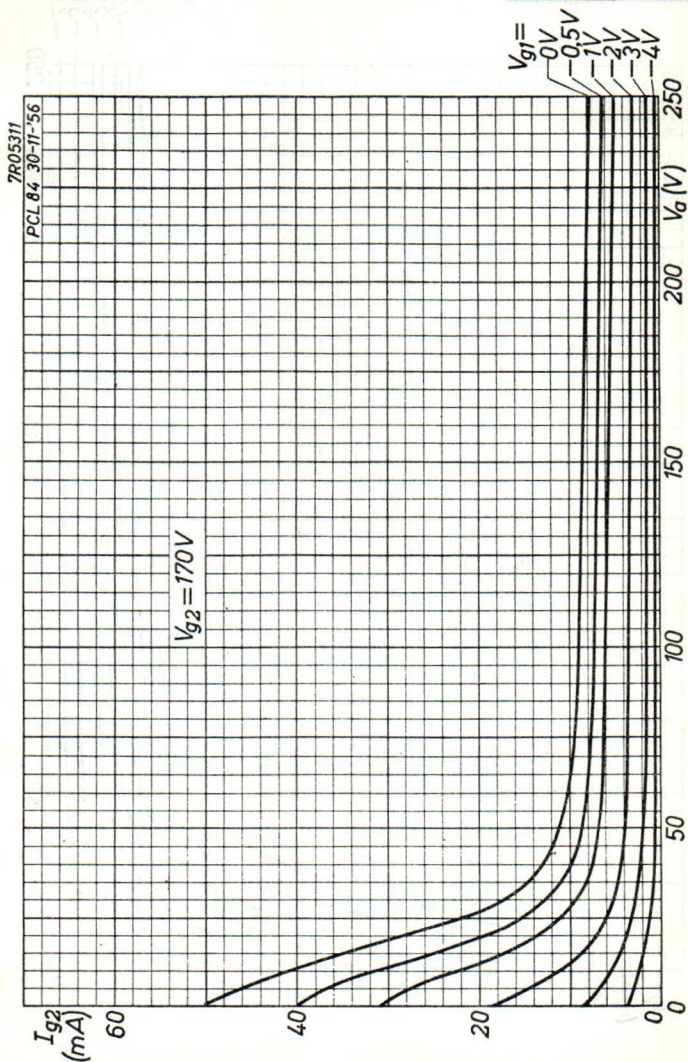
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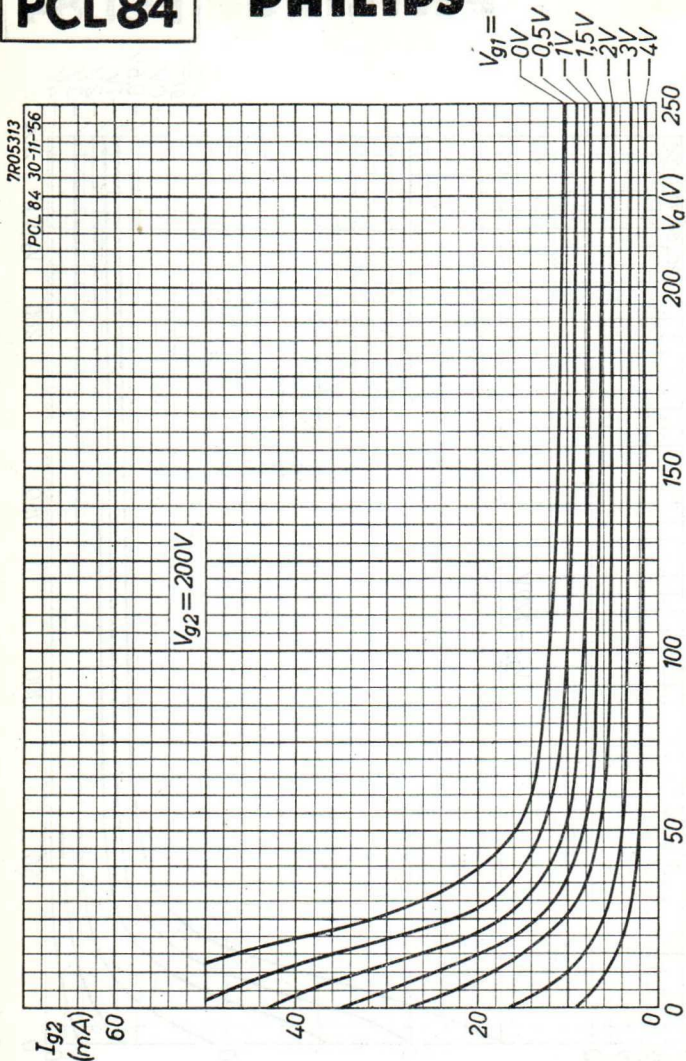


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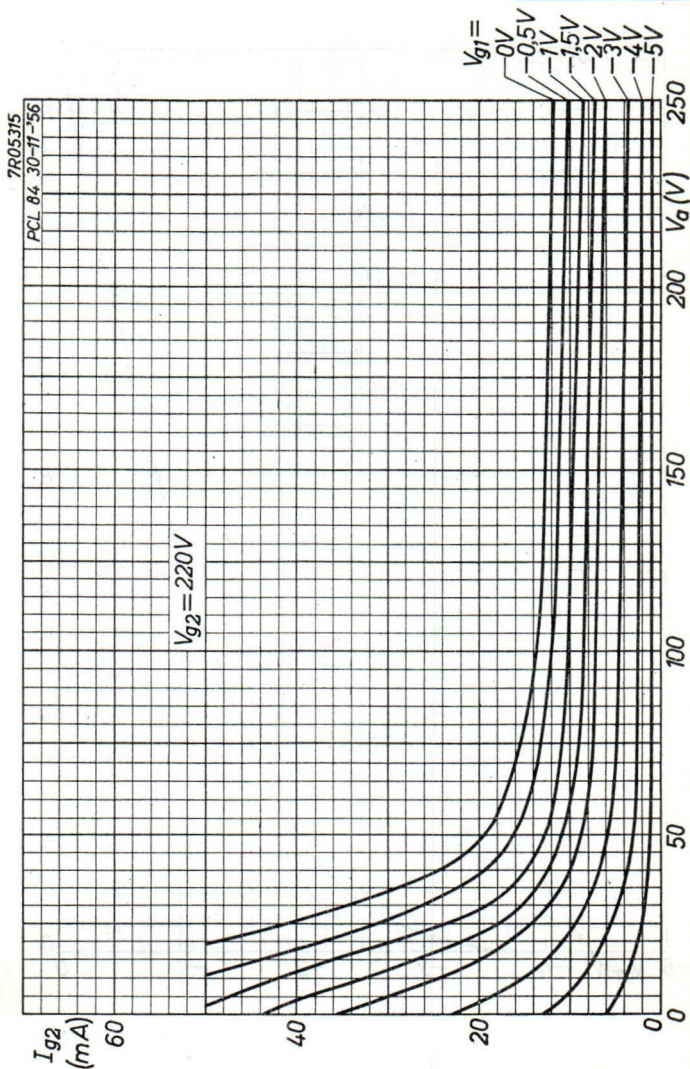
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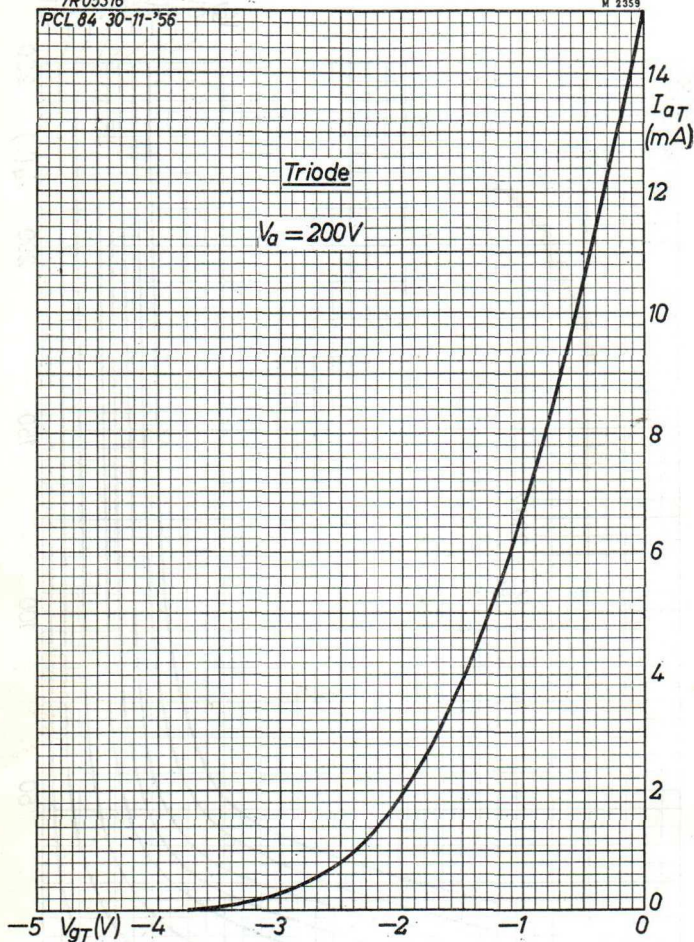


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