

PENTODE for use as R.F. or I.F. amplifier in battery receivers

PENTHODE pour utilisation en amplificatrice H.F. ou M.F. dans des appareils-batterie

PENTODE zur Verwendung als HF- oder ZF-Verstärker in Batteriegeräten

Heating : direct by D.C.;
parallel or series supply

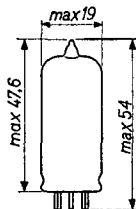
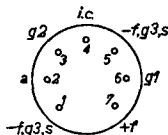
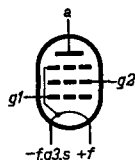
Chauffage: direct par C.C.;
alimentation parallèle ou série

Heizung : direkt durch Gleichstrom;
Parallel- oder Serienspeisung

Parallel supply: $V_f = 1,4 \text{ V}$
Alimentation parallèle: $I_f = 25 \text{ mA}$
Parallelspeisung:

Series supply: $V_f = 1,3 \text{ V}$
Alimentation série:
Serienspeisung:

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: Miniature

Capacitances
Capacités
Kapazitäten

$C_{g1} < 0,01 \text{ pF}$
 $C_a = 7,8 \text{ pF}$
 $C_{g2} = 3,3 \text{ pF}$

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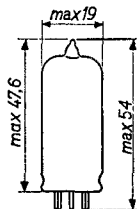
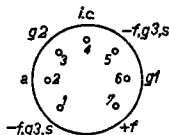
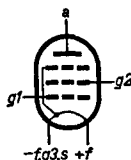
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Base, culot, Sockel: Miniature

Capacitances
Capacités
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$C_{ag1} < 0,01 \text{ pF}$
$C_a = 7,8 \text{ pF}$
$C_{g1} = 3,3 \text{ pF}$

Operating characteristics for use as R.F. or I.F. amplifier

Caractéristiques d'utilisation en amplificateur H.F. ou M.F.

Betriebsdaten als HF- oder ZF-Verstärker

V_a^1	=	85	64	V
R_{g2}	=	39	0	k Ω
V_{g1}	=	0 -5,5	0 -4,1	V
V_{g2}	=	64 85	64 64	V
I_a	=	1,65 -	1,65 -	mA
I_{g2}	=	0,55 -	0,55 -	mA
S	=	850 10	850 10	$\mu A/V$
R_i	=	1,0 >10	0,7 >10	M Ω
R_{eq}	=	14 -	14 -	k Ω
μ_{g2g1}	=	18	18	

Limiting values

Caractéristiques limites

Grenzdaten

V_b	= max.	120	V
V_b	= max.	150	V ²⁾
V_a	= max.	120	V
W_a	= max.	0,25	W
V_{g2}	= max.	90	V
W_{g2}	= max.	0,1	W
I_k	= max.	2,2	mA
$V_{g1}(I_{g1} = +0,3 \mu A)$	= max.	0	V
R_{g1}	= max.	3	M Ω

¹⁾ Based on a battery voltage of 90 or 67.5 V reduced by the negative bias for the output valve

Se basant sur une tension de batterie de 90 ou 67,5 V, diminuée de la polarisation négative du tube de sortie

Basiert auf einer Batteriespannung von 90 oder 67,5 V, verringert um die negative Vorspannung der Endröhre

²⁾ Absolute max. value
Valeur max. absolue
Absoluter Grenzwert

Operating characteristics for use as R.F. or I.F. amplifier
 Caractéristiques d'utilisation en amplificatrice H.F. ou M.F.
 Betriebsdaten als HF- oder ZF-Verstärker

V_a	=	85 ¹⁾	64 ¹⁾	V
R_{g2}	=	39	0	k Ω
V_{g1}	=	0 -5,5	0 -4,1	V
V_{g2}	=	64 85	64 64	V
I_a	=	1,65 -	1,65 -	mA
I_{g2}	=	0,55 -	0,55 -	mA
S	=	850 10	850 10	μ A/V
R_1	=	1,0 >10	0,7 >10	M Ω
R_{eq}	=	14 -	14 -	k Ω
μ_{g2g1}	=	18 -	18 -	

V_a	=	45	V
V_{g2}	=	45	V
V_{g1}	=	0 -2,95	V
I_a	=	0,85 -	mA
I_{g2}	=	0,28 -	mA
S	=	650 10	μ A/V
R_1	=	1,0 >10	M Ω
μ_{g2g1}	=	18 -	
R_{eq}	=	12 -	k Ω

Limiting values
 Caractéristiques limites
 Grenzdaten

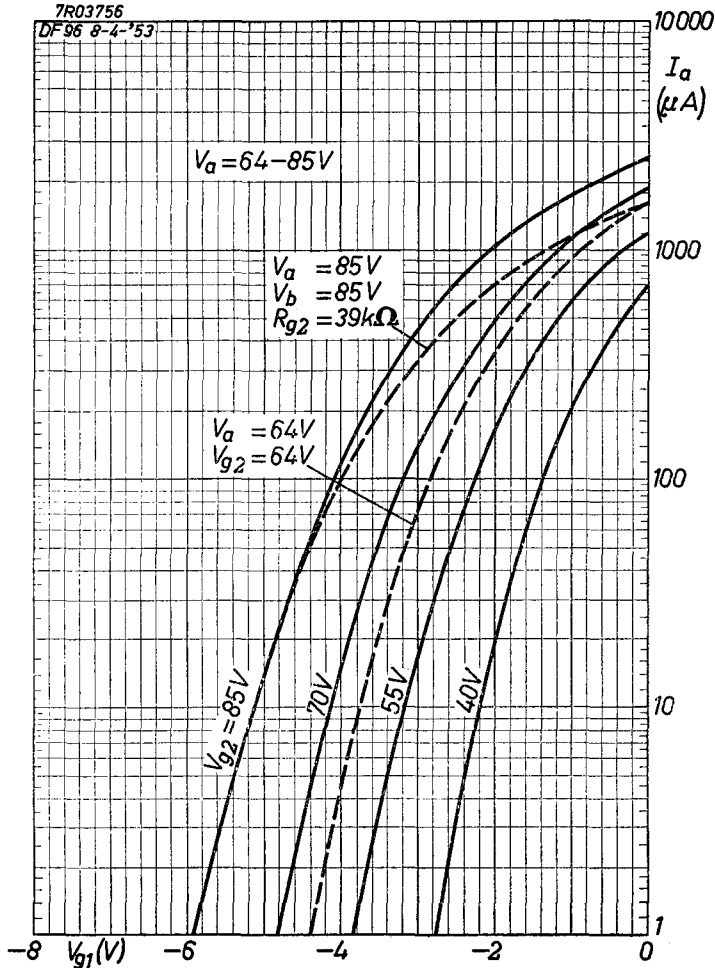
V_b	= max.	120 V	V_{g2}	= max.	90 V
V_b	= max.	150 V ²⁾	W_{g2}	= max.	0,1 W
V_a	= max.	120 V	I_k	= max.	2,2 mA
W_a	= max.	0,25 W	$V_{g1}(I_{g1} = +0,3\mu A)$	= max.	0 V
			R_{g1}	= max.	3 M Ω

¹⁾ Based on a battery voltage of 90 or 67.5 V reduced by the negative bias for the output tube
 Se basant sur une tension de batterie de 90 ou 67,5 V diminuée de la polarisation négative du tube de sortie
 Basiert auf einer Batteriespannung von 90 oder 67,5 V verringert um die negative Vorspannung der Endröhre

²⁾ Absolute max. value
 Valeur max. absolue
 Absoluter Grenzwert

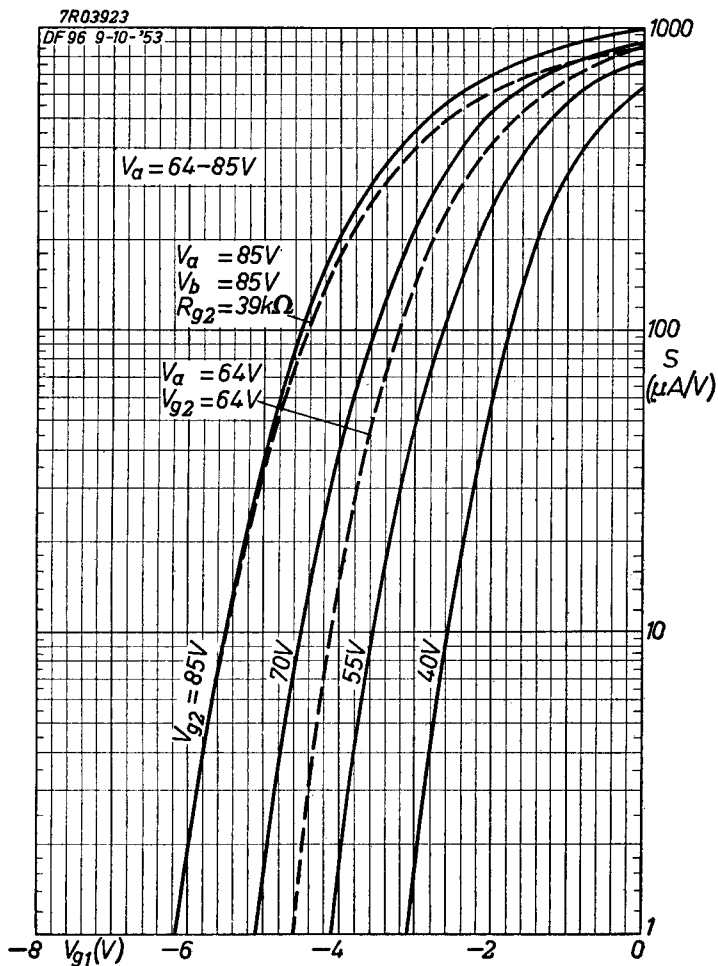
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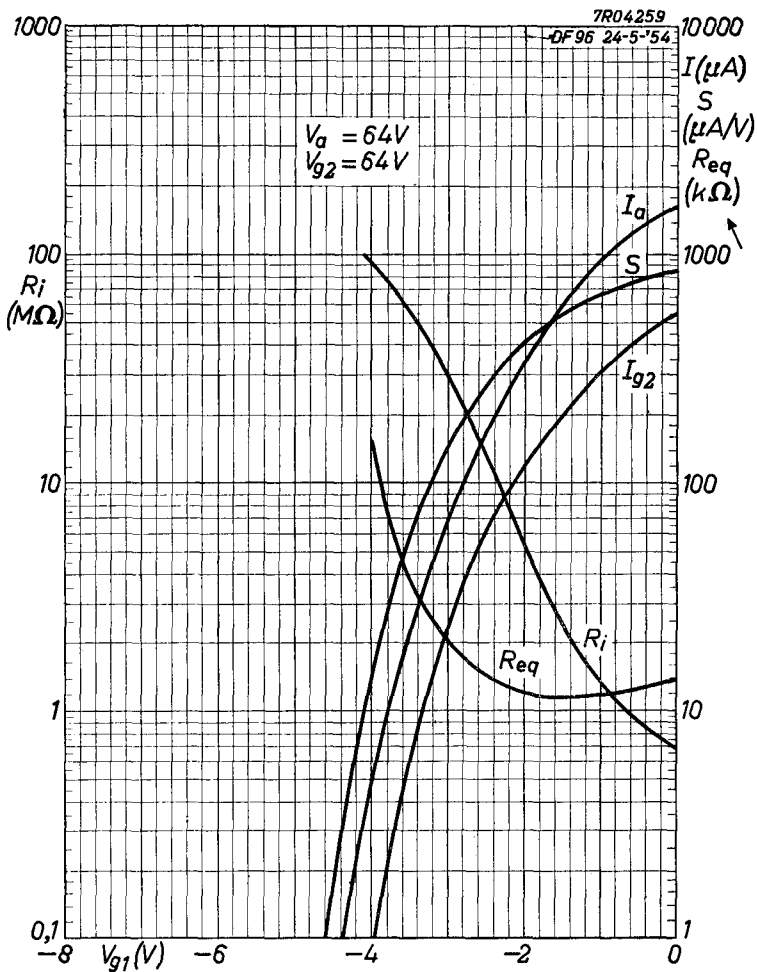
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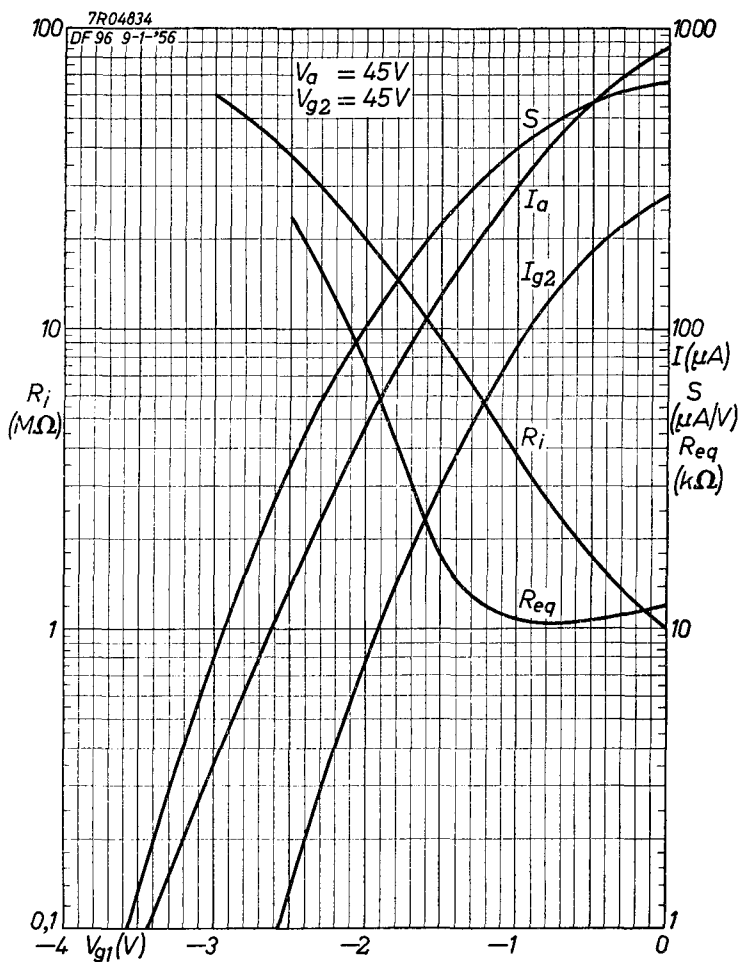


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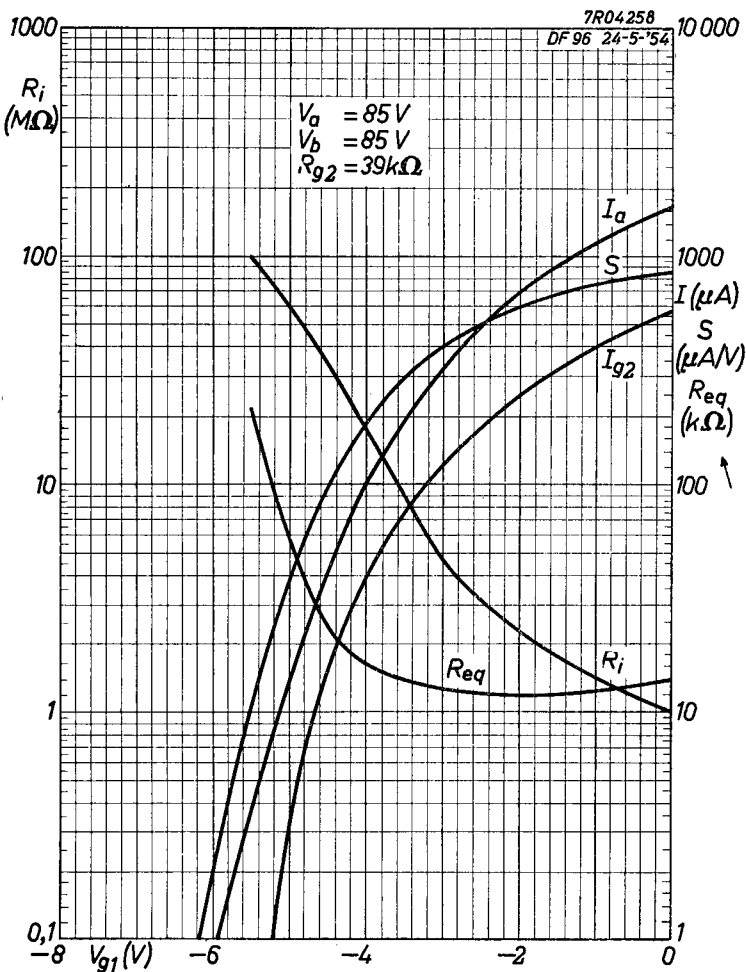
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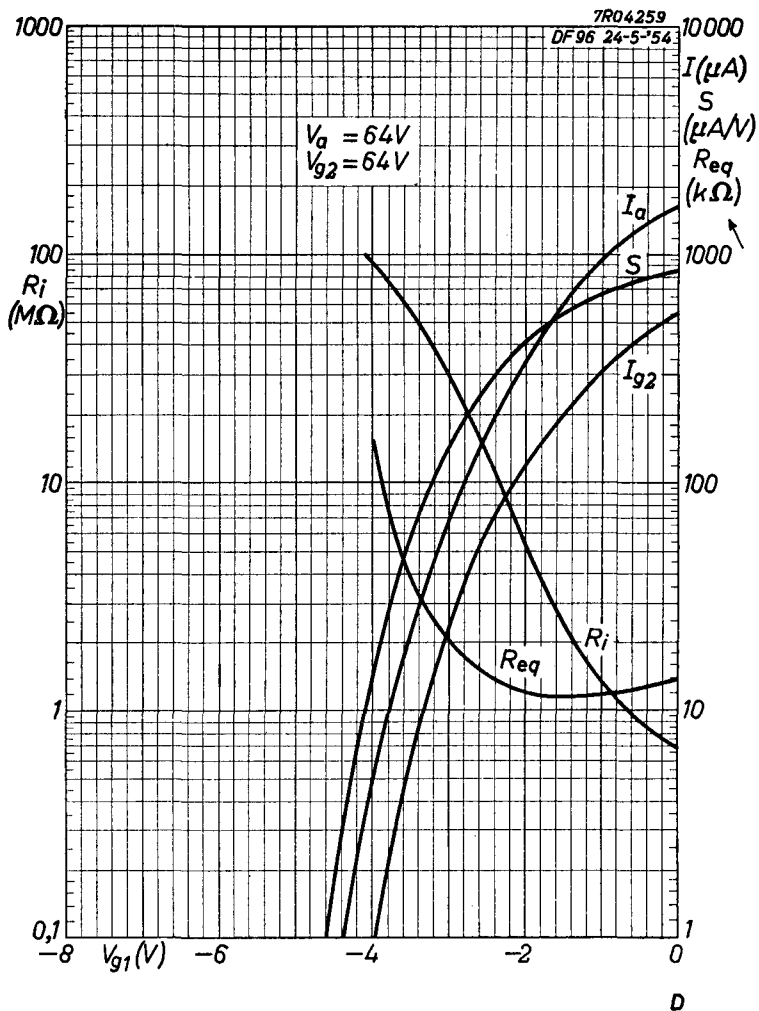
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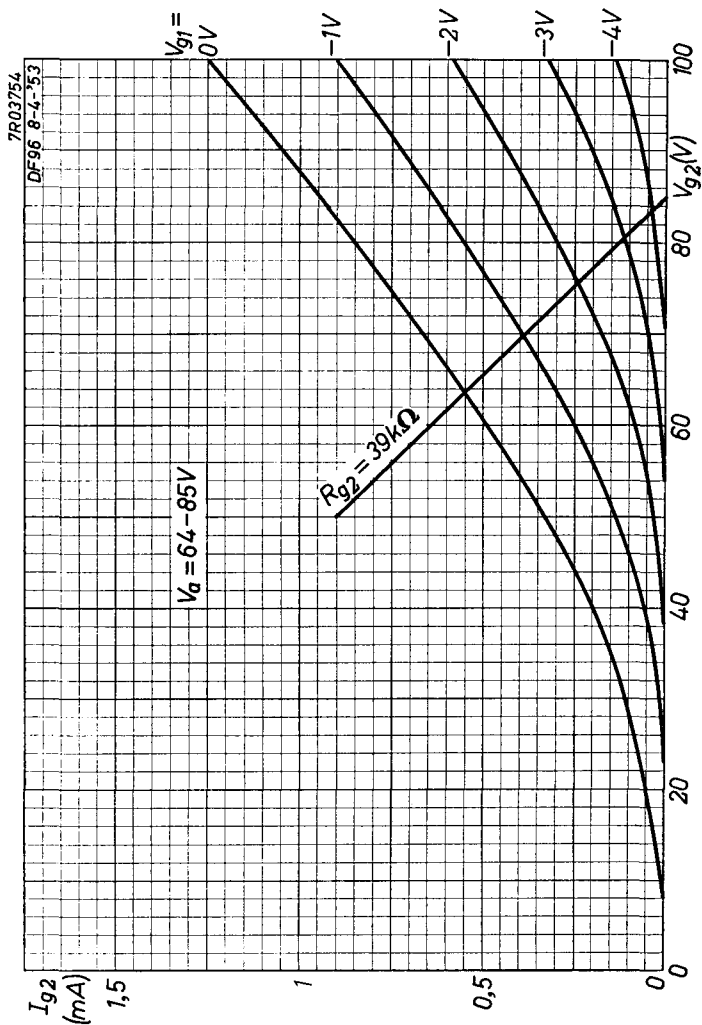
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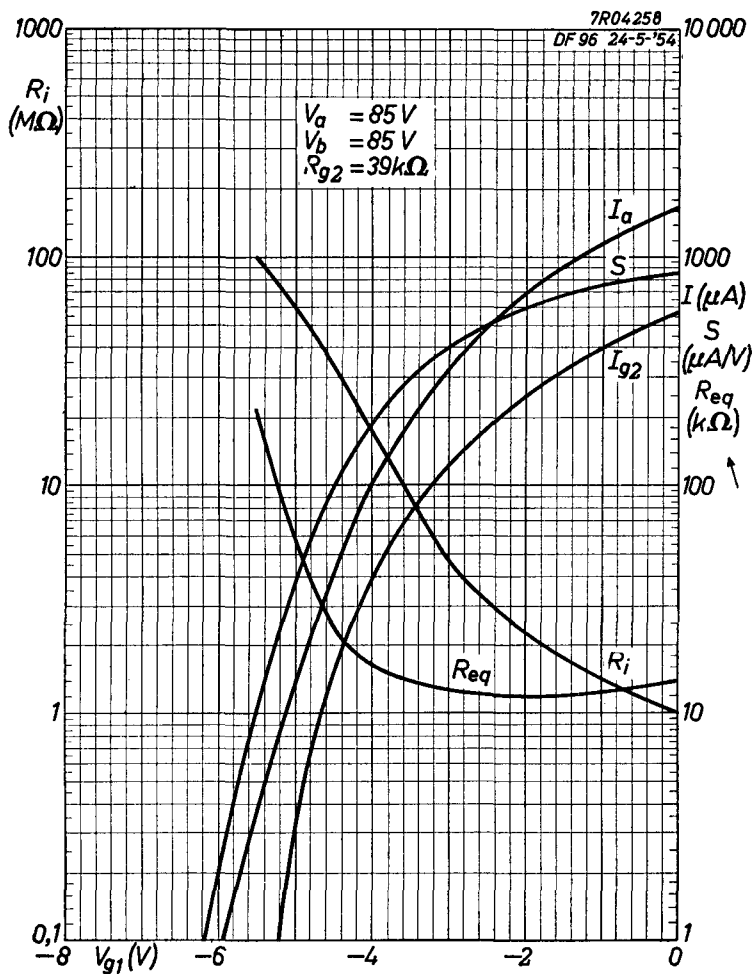
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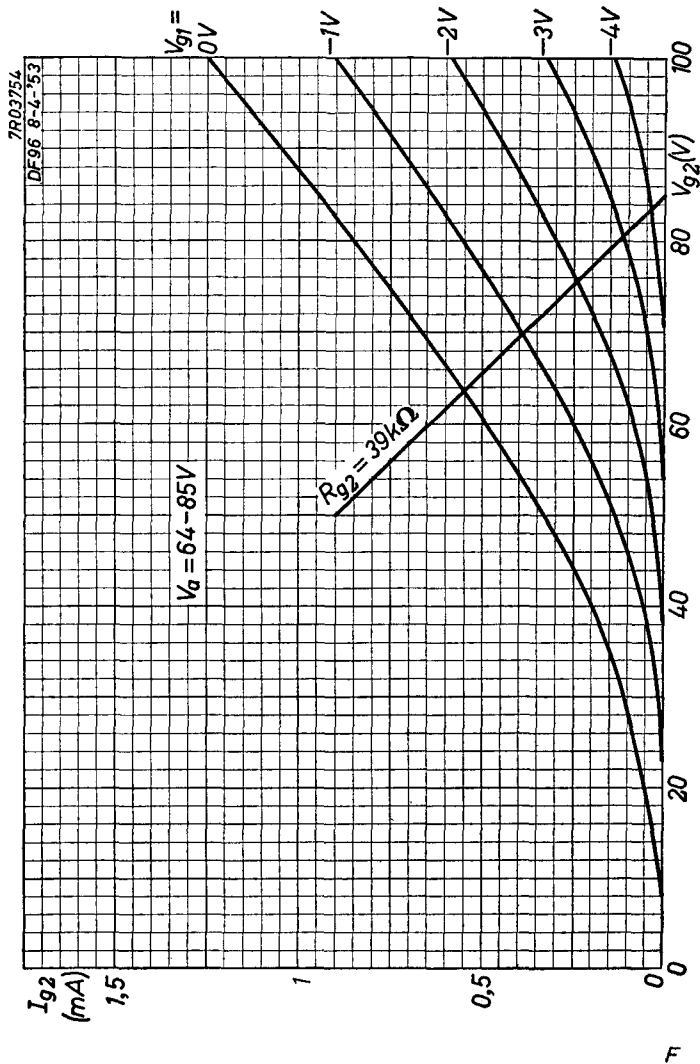


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7	C	1954.06.06
8	C	1956.01.01
9	D	1954.06.06
10	D	1956.01.01
11	E	1953.04.04
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13	F	1956.01.01
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