

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

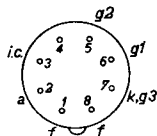
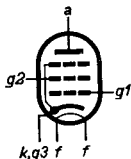
Heating : indirect; series supply $V_f = 45 \text{ V}$
 Chauffage: indirect; alimentation- série $I_f = 100 \text{ mA}$
 Heizung : indirekt; Serienspeisung

Base, culot, Sockel: RIMLOCK

Overall length: 76 mm
 See pages 203 and 252

Hauteur totale: 76 mm
 Voir pages 203 et 252

Gesamthöhe : 76 mm
 Siehe S. 203 und 252



Capacitances
 Capacités
 Kapazitäten

$C_a = 8,3 \text{ pF}$
 $C_{g1} = 11 \text{ pF}$
 $C_{ag1} < 1 \text{ pF}$
 $C_{g1f} < 0,1 \text{ pF}$

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

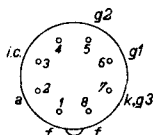
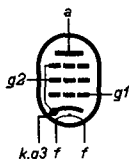
V_a	=	100	110	170 V
V_{g2}	=	100	110	170 V
V_{g1}	=	-5,7	-6,4	-10,4 V
I_a	=	29	32	53 mA
I_{g2}	=	5,5	6,0	10 mA
S	=	8,0	8,5	9,5 mA/V
R_1	=	18	18	20 k Ω
$R_{a\omega}$	=	3	3	3 k Ω
μ_{g2g1}	=	10	10	10
$W_o(dt_{ot}=10\%)$	=	1,35	1,7	4,25 W
$V_i(dt_{ot}=10\%)$	=	3,75	4,2	6,0 V_{eff}
$W_o(I_{g1}=+0,3\mu A)$	=	1,35	1,7	4,9 W
$V_i(W_o = 50 \text{ mW})$	=	0,55	0,55	0,5 V_{eff}

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

Heating : indirect; series supply
Chauffage: indirect; alimentation série
Heizung : indirekt; Serienspeisung

$V_f = 45 \text{ V}$
 $I_f = 100 \text{ mA}$

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: RIMLOCK

Capacitances
Capacités
Kapazitäten

$C_a = 8,3 \text{ pF}$
 $C_{g1} = 11 \text{ pF}$
 $C_{ag1} < 1 \text{ pF}$
 $C_{g1f} < 0,1 \text{ pF}$

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

V_a	=	100	170 V
V_{g2}	=	100	170 V
V_{g1}	=	-5,7	-10,4 V
I_a	=	29	53 mA
I_{g2}	=	5,5,	10 mA
S	=	8,0	9,5 mA/V
R_1	=	18	20 k Ω
R_a	=	3	3 k Ω
μ_{g2g1}	=	10	10
W_o (dtot = 10%)	=	1,25	4,0 W
V_1 (dtot = 10%)	=	3,8	6,0 V _{eff}
V_1 ($W_o = 50 \text{ mW}$)	=	0,55	0,5 V _{eff}

Operating characteristics class AB

Caractéristiques d'utilisation classe AB

Betriebsdaten Klasse AB

V_a	=	100		170	V
V_{g2}	=	100		170	V
R_k	=	100		100	Ω
$R_{aa\omega}$	=	4,0		4,0	k Ω
V_i	=	0	4,6	0	9,3 V_{eff}
I_a	=	2x24	2x27	2x44	2x49 mA
I_{g2}	=	2x4,6	2x6,8	2x8,8	2x16,5 mA
W_o	=	0	2,2	0	9 W
$dtot$	=	-	3,5	-	4,0 %

Limiting values

Caractéristiques limites

Grenzdaten

V_{a0}	= max.	550 V
V_a	= max.	250 V
W_a	= max.	9 W
V_{g20}	= max.	550 V
V_{g2}	= max.	250 V
$W_{g2}(V_i = 0)$	= max.	1,75 W
$W_{g2}(W_o = \text{max.})$	= max.	4,0 W
I_k	= max.	75 mA
$V_{g1}(I_{g1} = +0,3 \mu A)$	= max.	-1,3 V
$R_{g1}(R_k = 165 \Omega)$	= max.	1 M Ω
R_{kf}	= max.	20 k Ω
V_{kf}	= max.	150 V

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

V_a	=	100	170	V
V_{g2}	=	100	170	V
R_k	=	100	100	Ω
R_{aa}	=	4,0	4,0	k Ω
V_i	=	0 4,6	0 9,3	V_{eff}
I_a	=	2x25 2x27	2x46 2x49	mA
I_{g2}	=	2x5,0 2x6,8	2x9,0 2x16,5	mA
W_o	=	0 2,2	0 9	W
d_{tot}	=	- 4,0	- 5,0	%

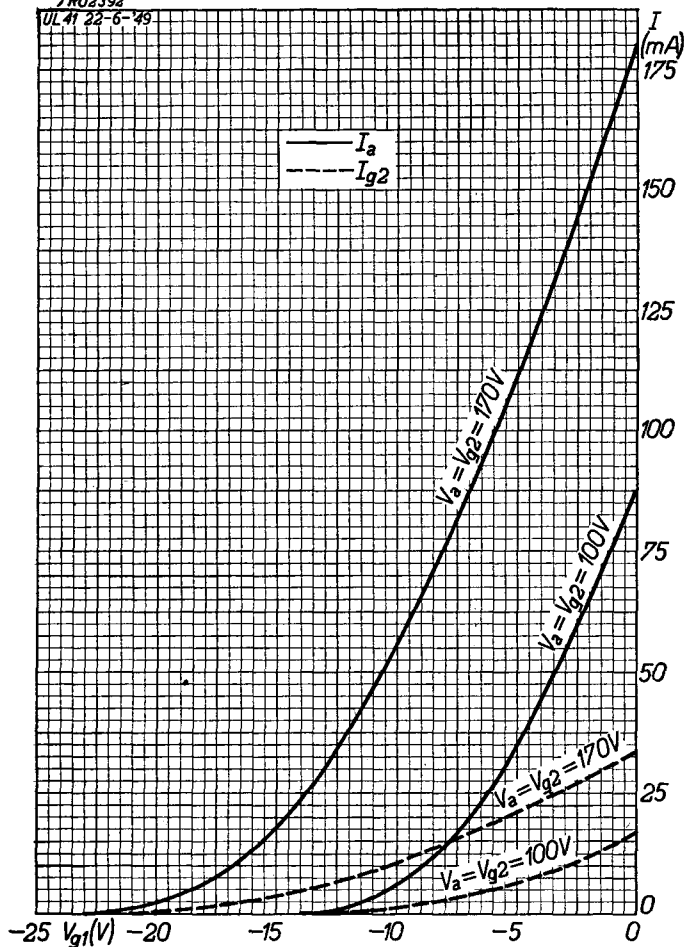
Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a0}	= max.	550 V
V_a	= max.	250 V
W_a	= max.	9 W
V_{g20}	= max.	550 V
V_{g2}	= max.	250 V
W_{g2}	= max.	2,5 W
I_k	= max.	75 mA
V_{g1} ($I_{g1} = +0,3 \mu A$)	= max.	-1,3 V ¹⁾
R_{g1}	= max.	1 M Ω
R_{kf}	= max.	20 k Ω
V_{kf}	= max.	150 V

¹⁾ With automatic bias
 Avec polarisation automatique
 Mit automatischer Gittervorspannung

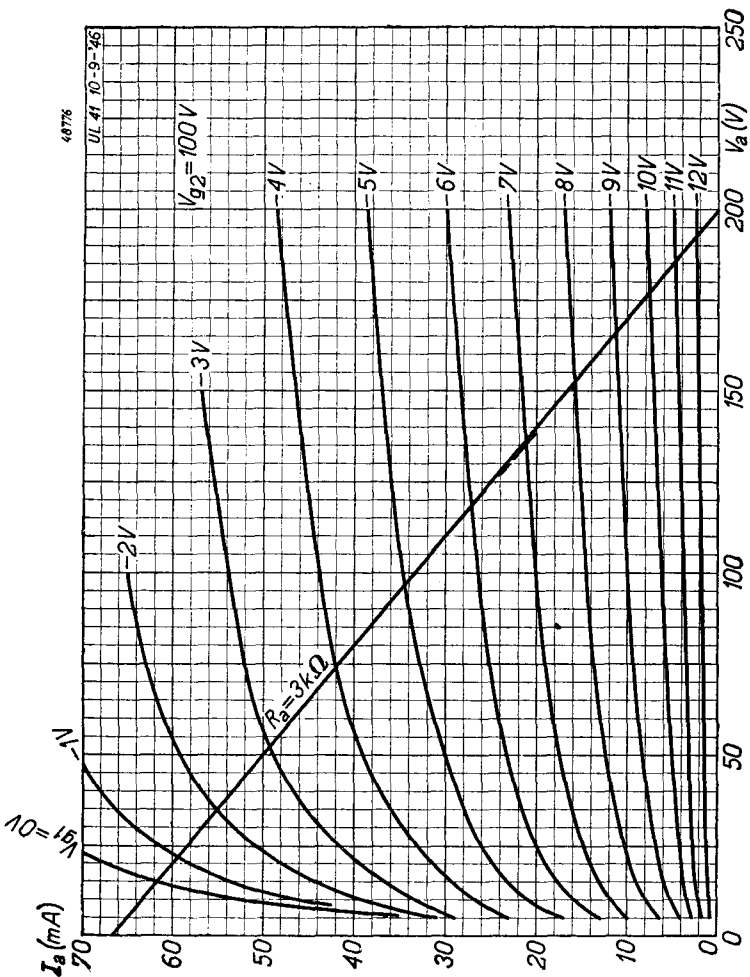
7R02392

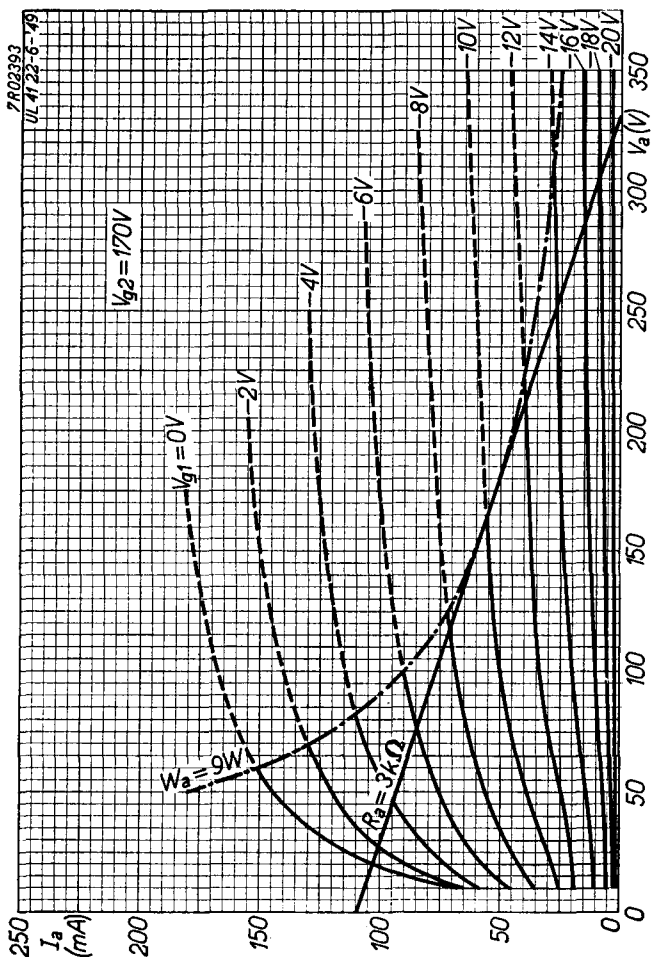
UL 41 22-6-49

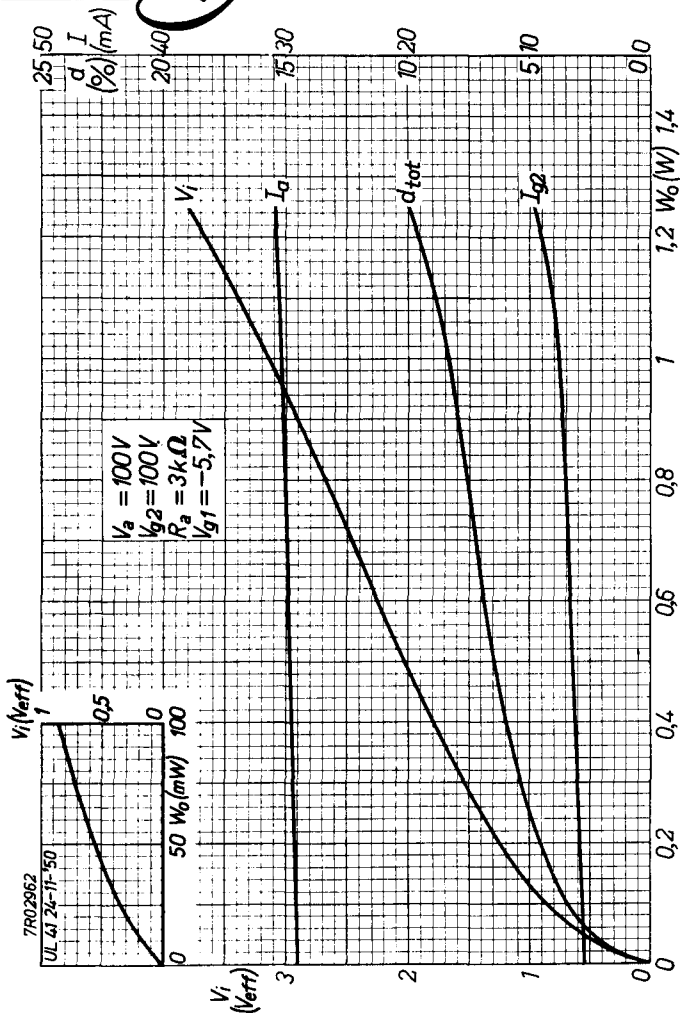


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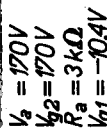
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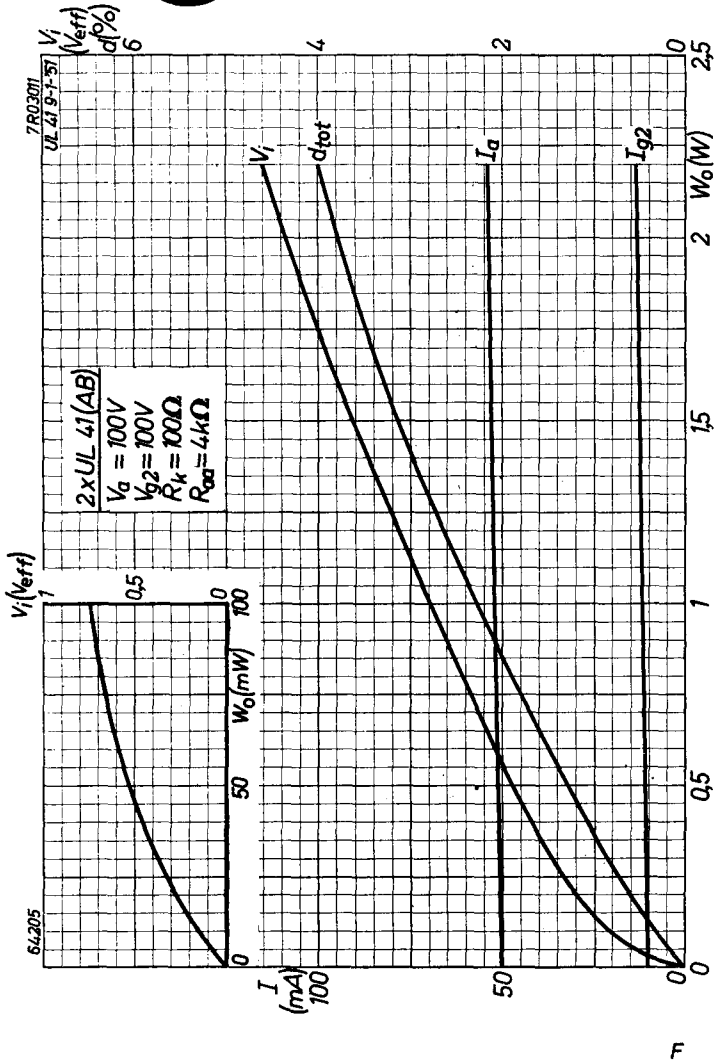




UL 41

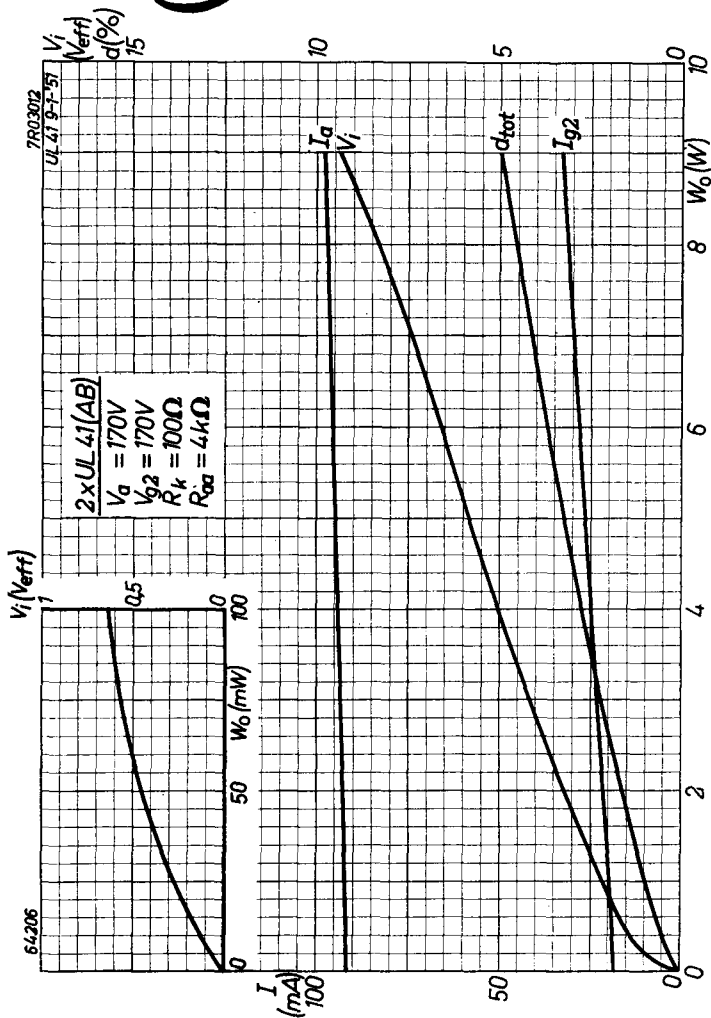


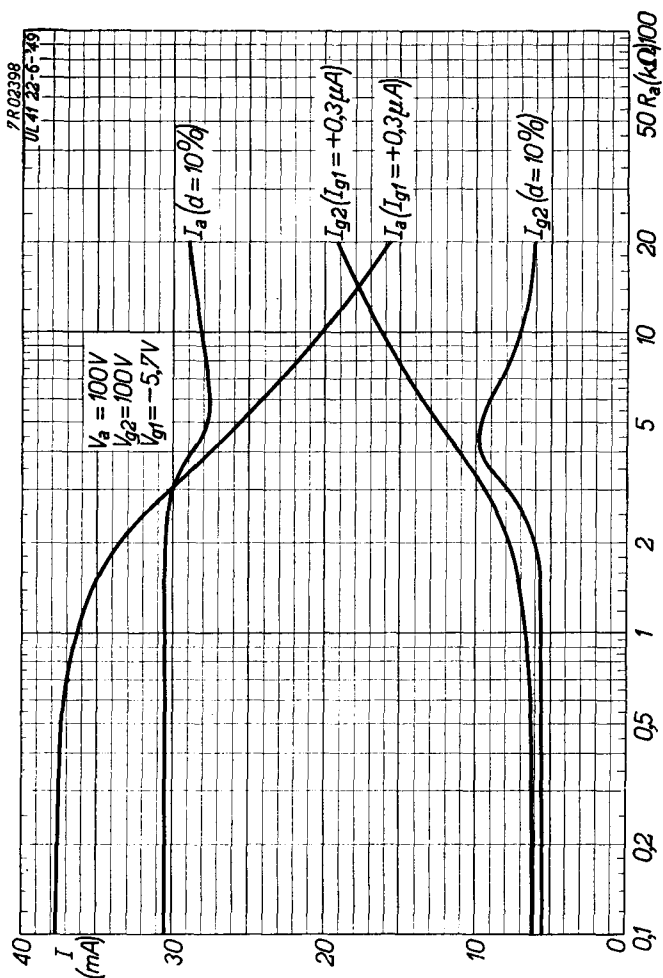
"Miniwatt"



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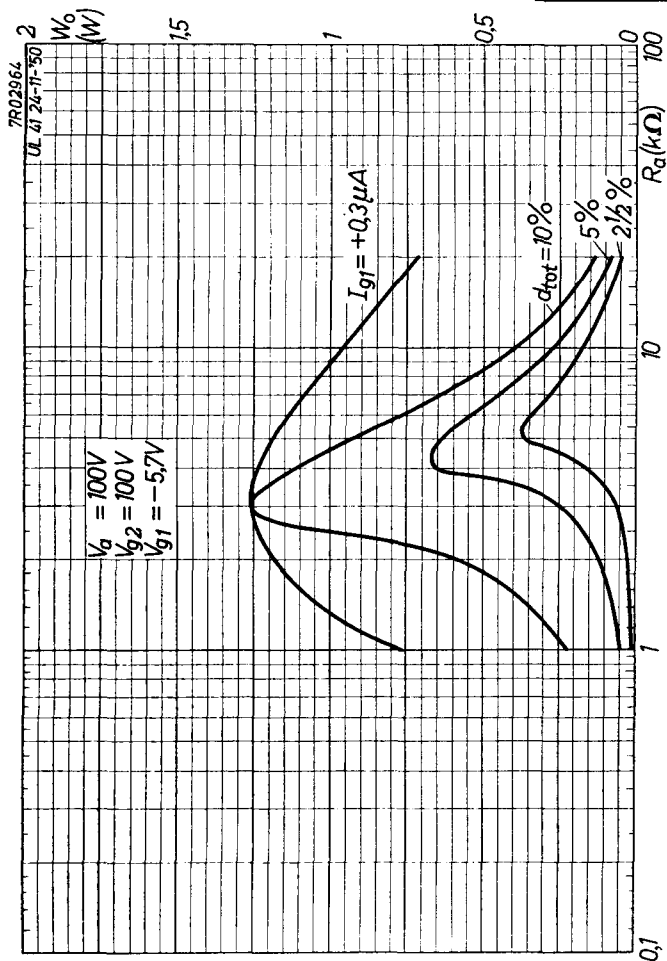
UL 41





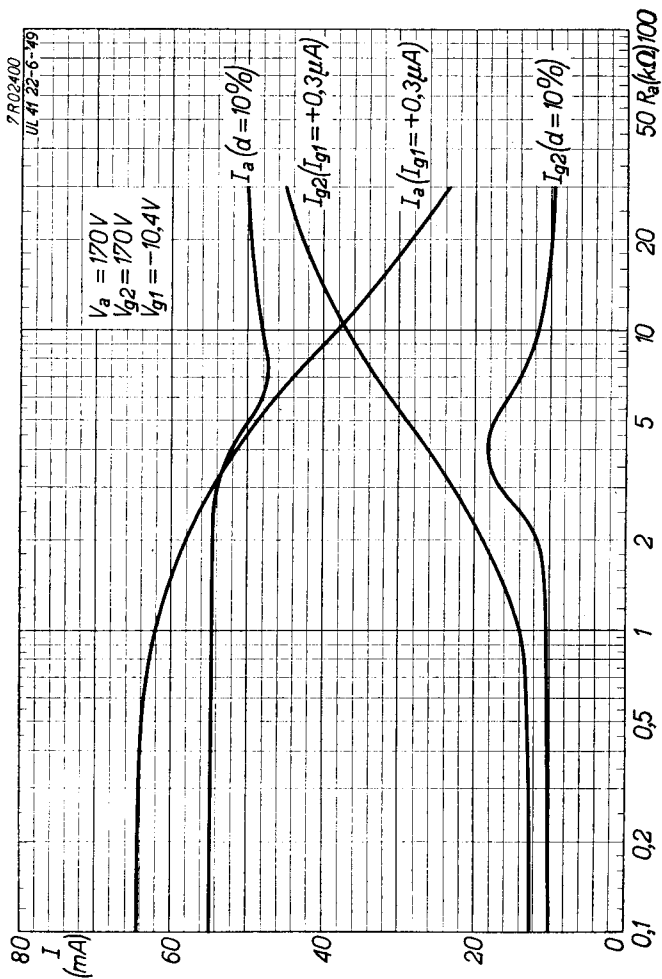
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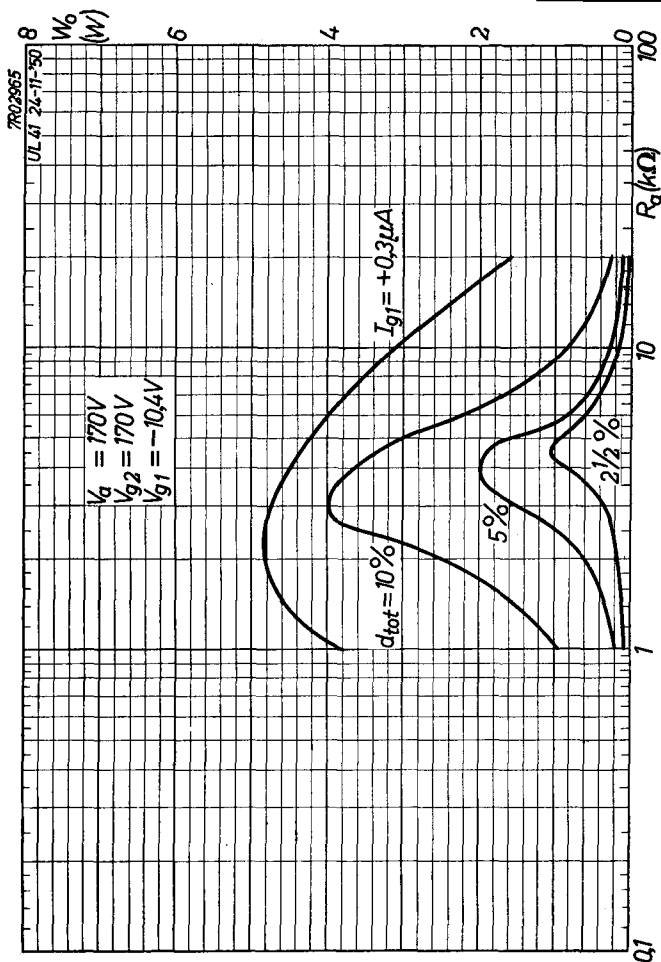
12.12.1950

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"Miniwatt"

UL 41





	UL41	
page	sheet	date
1	1	1953.12.12
2	1	1955.05.05
3	2	1953.12.12
4	2	1955.05.05
5	A	1949.07.07
6	B	1949.07.07
7	C	1950.12.12
8	D	1950.12.12
9	E	1950.12.12
10	F	1950.12.12
11	G	1951.02.02
12	H	1951.02.02
13	I	1950.12.12
14	J	1950.12.12
15	K	1950.12.12
16	FP	1999.10.12