

HEPTODE for use as frequency changer in battery receivers

HEPTHODE pour utilisation en changeuse de fréquence dans des appareils-batterie

HEPTODE zur Verwendung als Mischröhre in Batteriege-räten

Heating : direct by D.C.

series or parallel supply

Chauffage: direct par C.C.

alimentation en série ou en parallèle

Heizung : direkt durch Gleichstrom

Serien- oder Parallelspeisung

Parallel supply

Alimentation en parallèle

Parallelspeisung

$V_f = 1,4 \text{ V}$

$I_f = 50 \text{ mA}$

Series supply

Alimentation en série

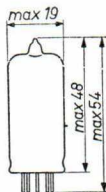
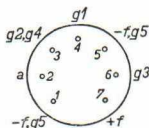
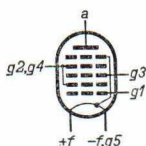
Serienspeisung

$V_f = 1,3 \text{ V}$

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Base, culot, Sockel: Miniature

Capacitances

Capacités

Kapazitäten

$C_a = 7,5 \text{ pF}$

$C_{g3} = 7,0 \text{ pF}$

$C_{ag3} < 0,4 \text{ pF}$

$C_{g1} = 3,8 \text{ pF}$

$C_{ag1} < 0,1 \text{ pF}$

$C_{g1g3} < 0,2 \text{ pF}$

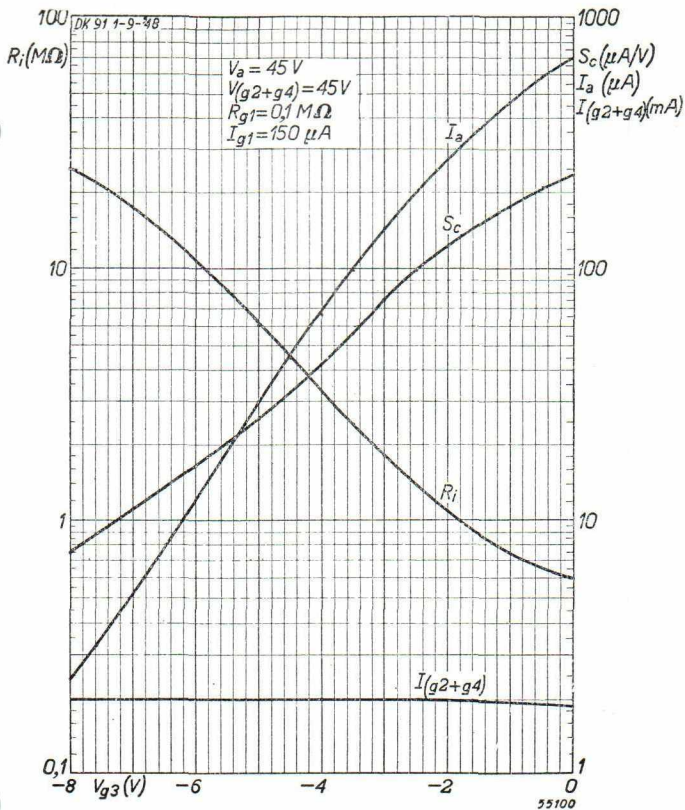
Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

$V_a = V_b$	=	45	90	V
V_{g2+g4}	=	45	45	V
R_{g1}	=	0,1	0,1	MΩ
I_{g1}	=	150	150	μA
V_{g3}	=	0 -9	0 -9	V
I_a	=	0,7 -	0,8 -	mA
I_{g2+g4}	=	1,9 -	1,9 -	mA
S_c	=	235 5	250 5	μA/V
R_i	=	0,6 >10	0,8 >10	MΩ

$V_a = V_b$	=	67,5	90	V
V_{g2+g4}	=	67,5	67,5	V
R_{g1}	=	0,1	0,1	MΩ
I_{g1}	=	250	250	μA
V_{g3}	=	0 -14	0 -14	V
I_a	=	1,4 -	1,6 -	mA
I_{g2+g4}	=	3,2 -	3,2 -	mA
S_c	=	280 5	300 5	μA/V
R_i	=	0,5 >10	0,6 >10	MΩ
R_{eq}	=	185 -	195 -	kΩ

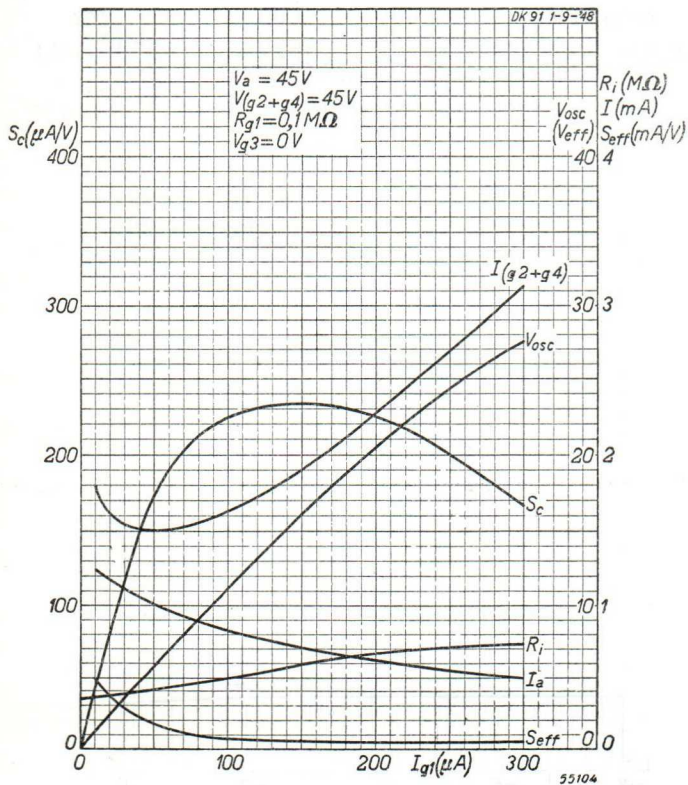
Limiting values
Caractéristiques limites
Grenzdaten

V_a	= max.	90	V
W_a	= max.	0,15	W
V_{g2+g4}	= max.	67,5	V
W_{g2+g4}	= max.	0,25	W
I_k	= max.	5,5	mA
$V_{g3} (I_{g3}=+0,3 \mu A)$	= max.	0,75	V
R_{g3}	= max.	3	MΩ
R_{g1}	= max.	0,15	MΩ



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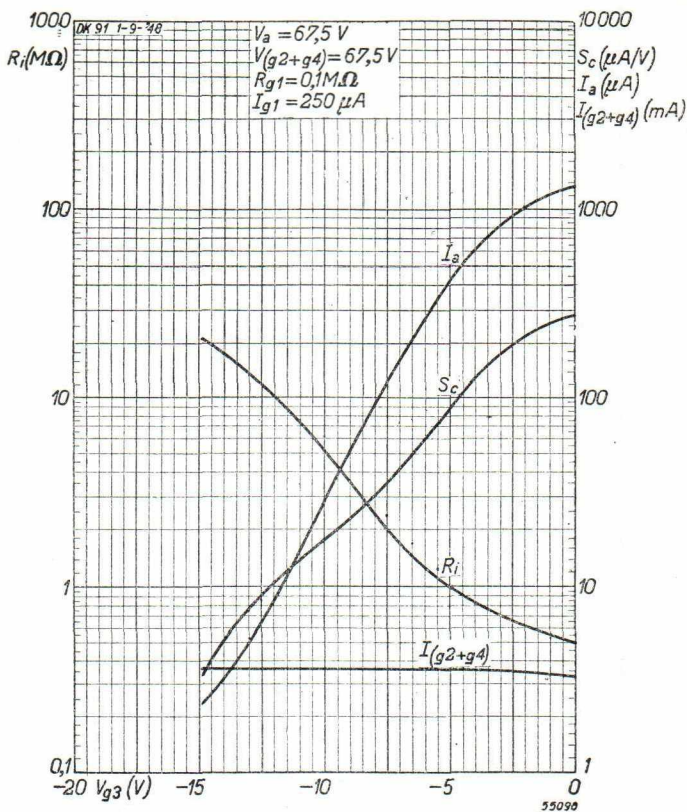
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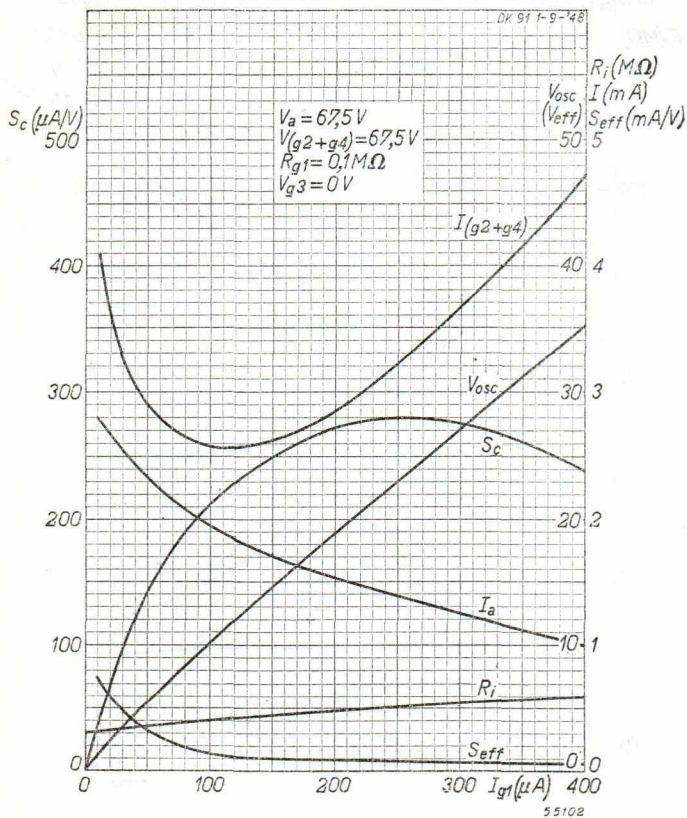


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C

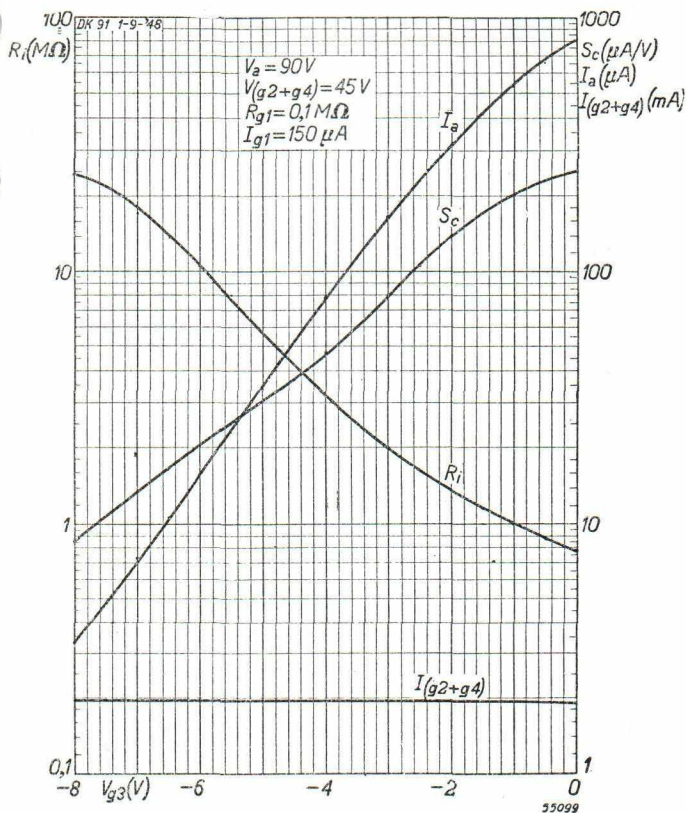
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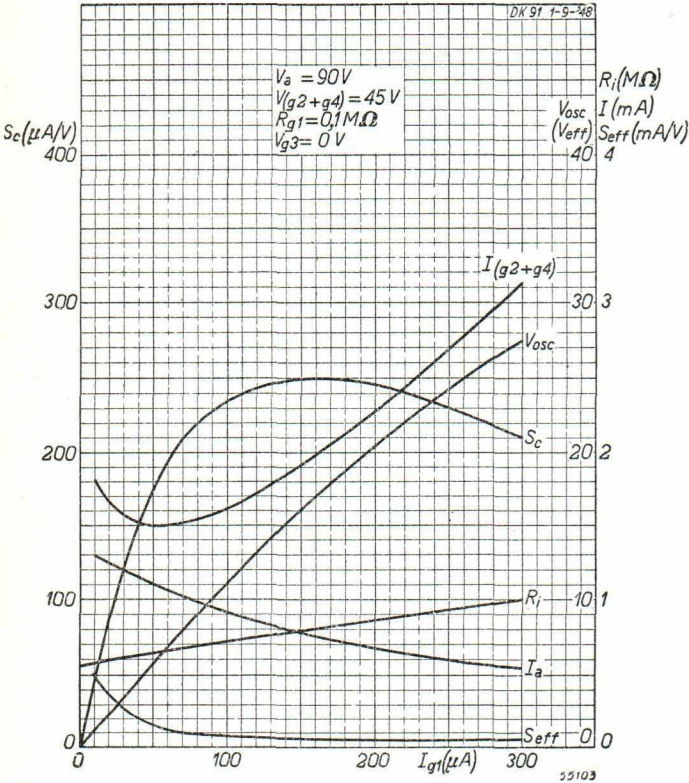
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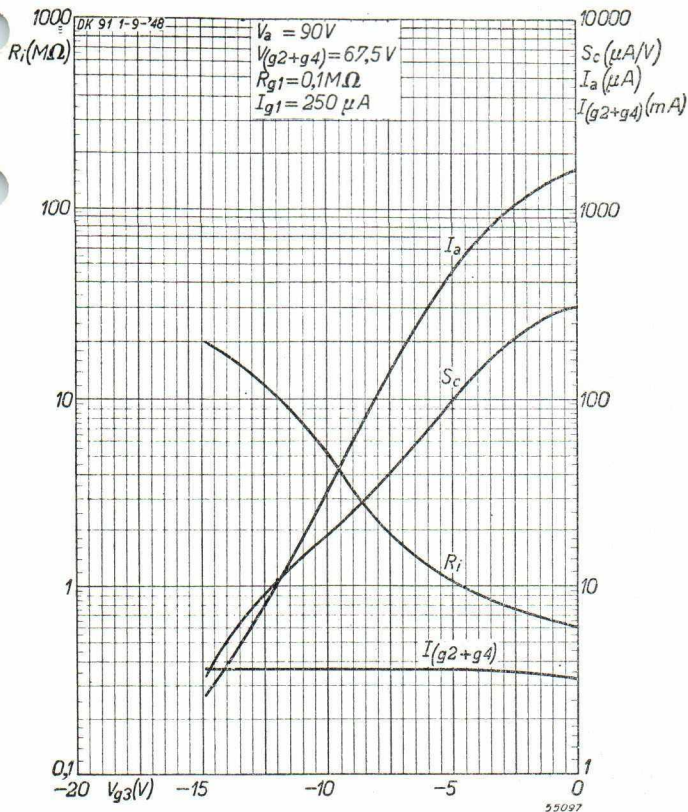


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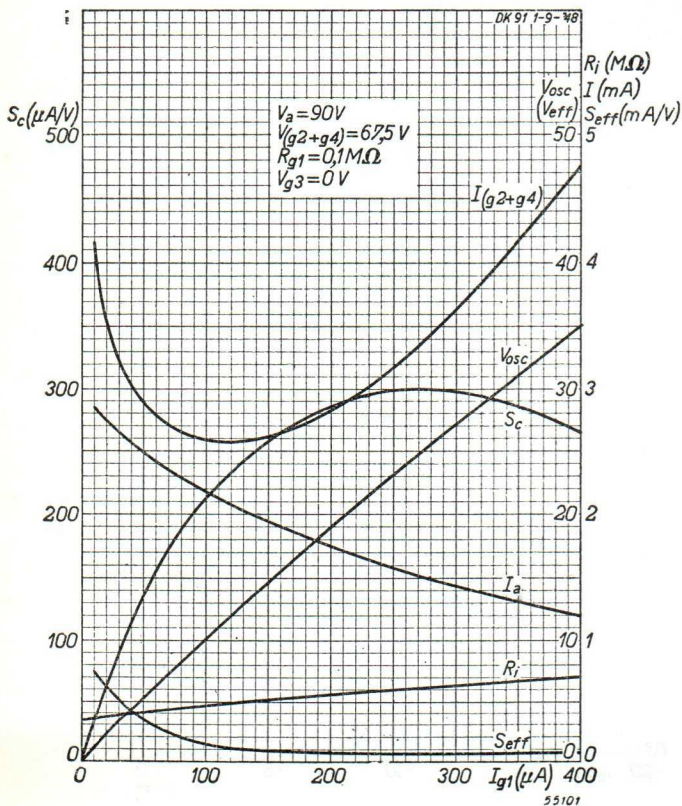


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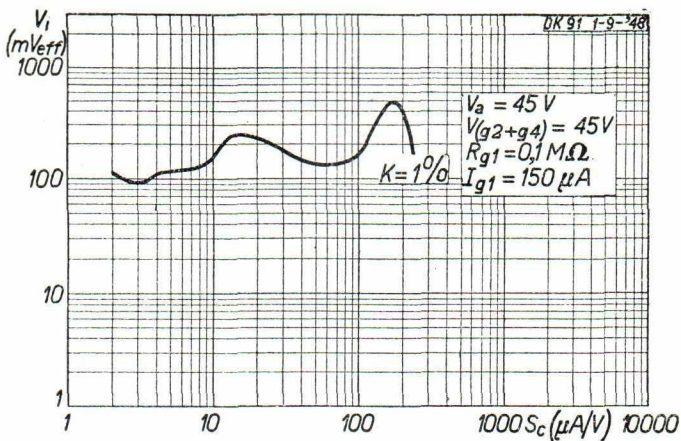
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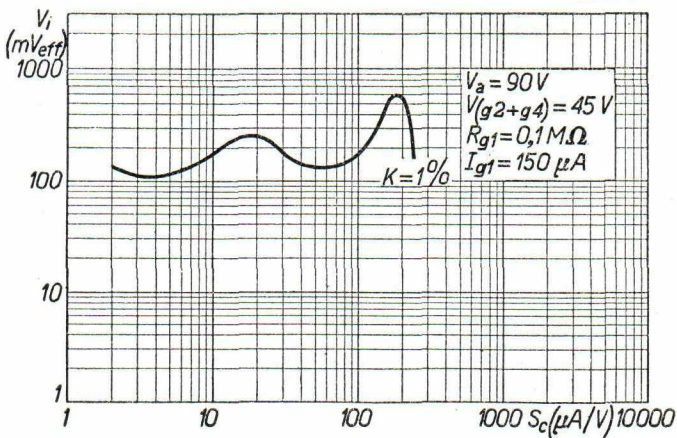


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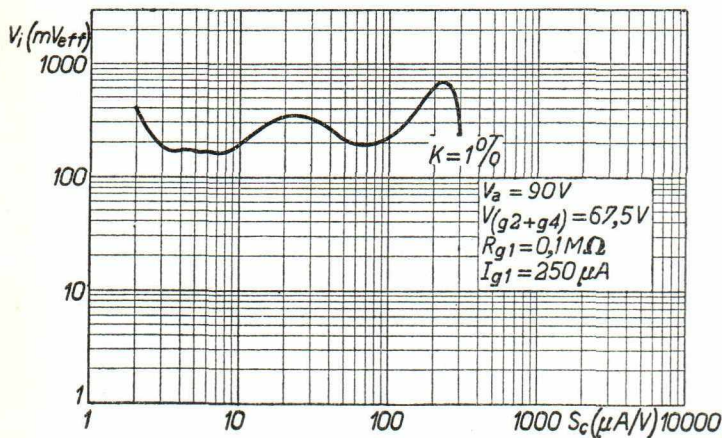
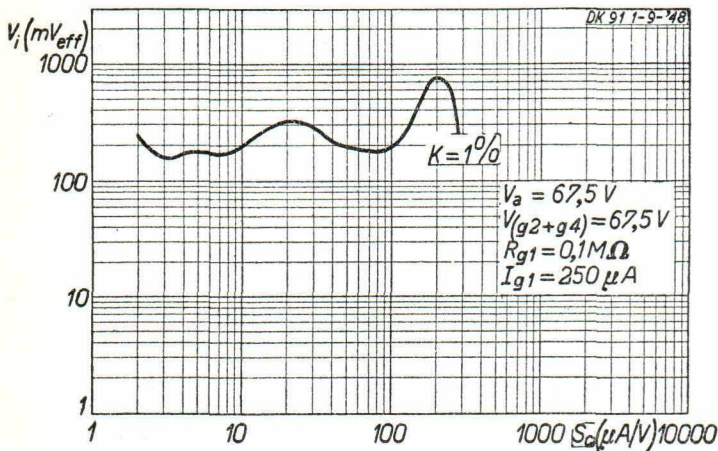


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