

Röhrentype: Oktode, Mischröhre für Überlagerungs-empfänger
Type de tube: octode, changeur de fréquence pour superhétérodynes
Type of tube: octode, frequency converter for superheterodyne receivers

Heizung direkt, durch Batteriestrom, gleichgerichteten Netzwechselstrom oder Netzgleichstrom, Parallel- oder Serienspeisung
 Chauffage direct, par courant de batterie, courant redressé du secteur alternatif ou courant du secteur continu, alimentation en parallèle ou en série
 Heating direct, by battery current, rectified alternating mains current or D.C. mains current parallel or series filament supply

Vf 1,4 V
If 0,050 A

Kapazitäten
 Capacités
 Capacities

Cg4	< 0,1 μF	Cg2	5,9 μF
Ca	9,4 μF	Cg2g4	< 0,9 μF
Cg4	9,2 μF	C(g1+g3)g4	1,3 μF
C(g1+g3)	7,0 μF		

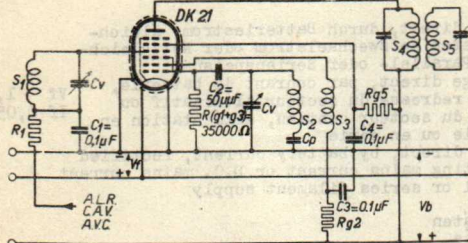
Daten zur Verwendung als Mischröhre
 Caractéristiques pour l'utilisation comme changeur de fréquence
 Characteristics for use as frequency converter

Va = Vb (g2 + g5)	90	120	V
Rg5	0	120000	Ω
Rg2	12500	25000	Ω
R(g1+g3)	35000	35000	Ω
Ig1+Ig3	200	200	mA
Vosceff	8,7	8,7	V
Vg4	0	-6	0
Vg5	90	90	120
Vg2	60	-	-
Ia	1,5	1,5	mA
Ig5	0,25	0,25	mA
Ig2	2,4	2,4	mA
Sc	500	5	500 $\mu\text{A}/\text{V}$
Ri	1,25	>10	1,5 >10 MQ

Kenndaten des Oszillatorsteiles (k+g1+g2)
 Caractéristiques typiques de la partie oscillatrice (k+g1+g2)
 Typical characteristics of the oscillator section (k+g1+g2)

Va	90 V
Vg5	90 V
Vg4	0 V
Vg2	60 V
Vg1	0 V
Ig2	3,1 mA
Scg2	950 $\mu\text{A}/\text{V}$
rg2	8,5

Grundsätzliche Betriebschaltung
 Schema de principe pour l'utilisation
 Fundamental circuit diagram for operation



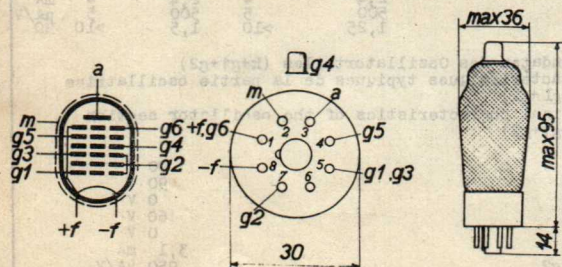
Grenzwerte für den Betrieb
 Limites fixées pour l'utilisation
 Limit ratings for operation

Va	max. 135 V
Wa	max. 0,3 W
Vg5	max. 135 V
Wg5	max. 0,05 W
Vg2	max. 80 V
Wg2	max. 0,3 W
Ik	max. 5 mA
Vg4 (Ig4 = +0,3 μA)	max. +0,2 V
Rg4k	max. 3 MΩ
R(g1+g3)k	max. 0,1 MΩ

Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.

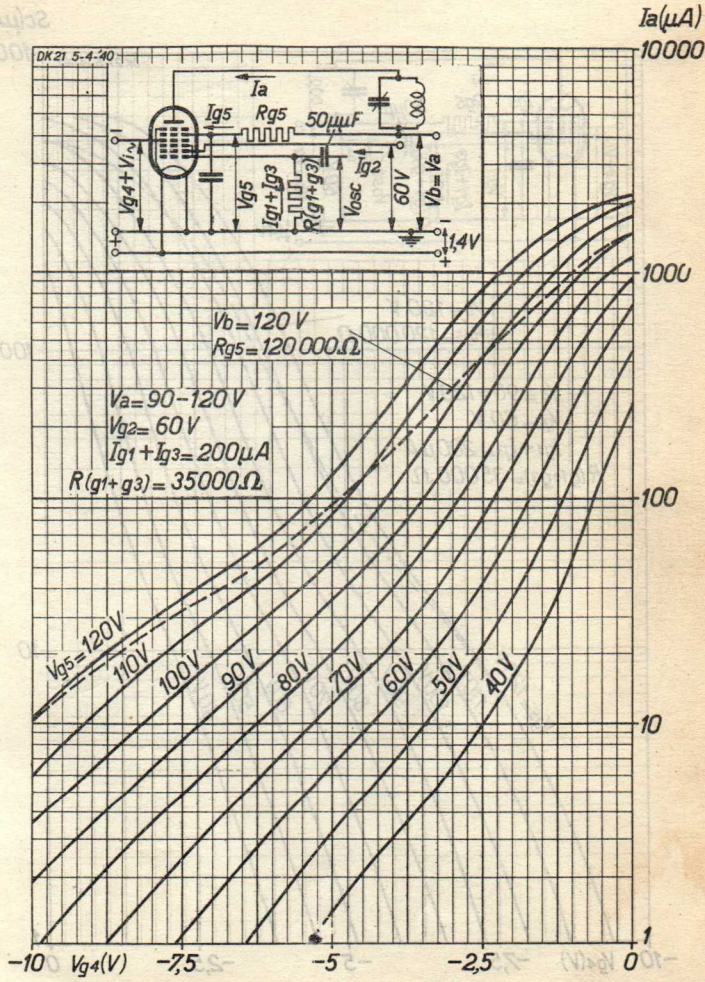
Disposition des électrodes, connexions du culot et dimensions max. en mm.

Electrode arrangement, base connections and max. dimensions in mm.



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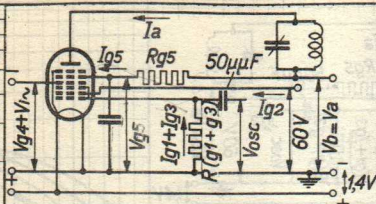
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$Sc(\mu A/V)$

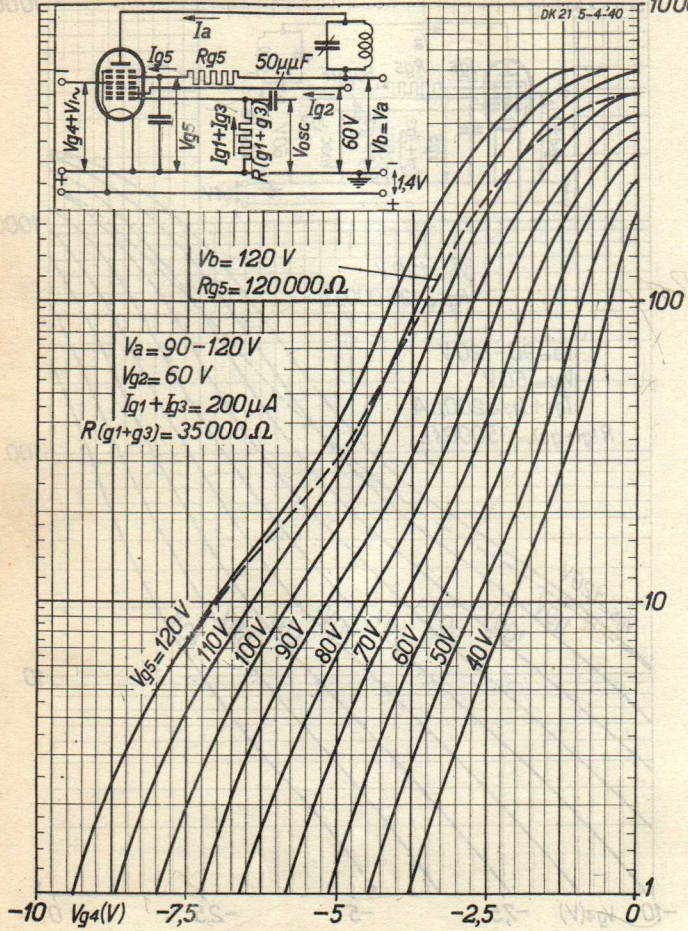
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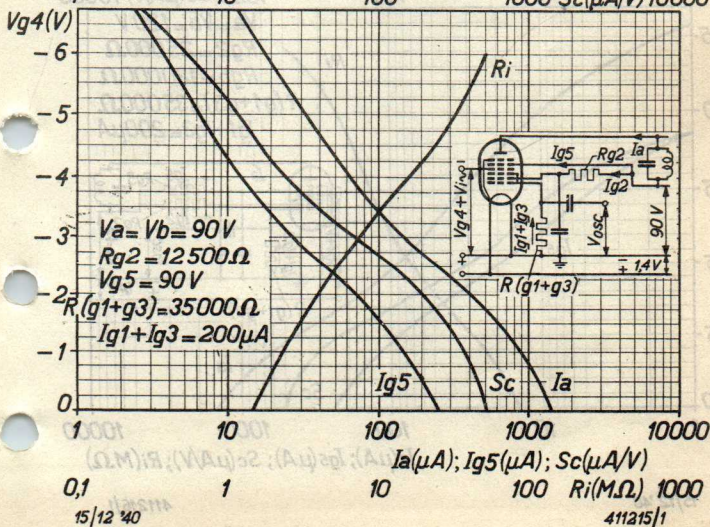
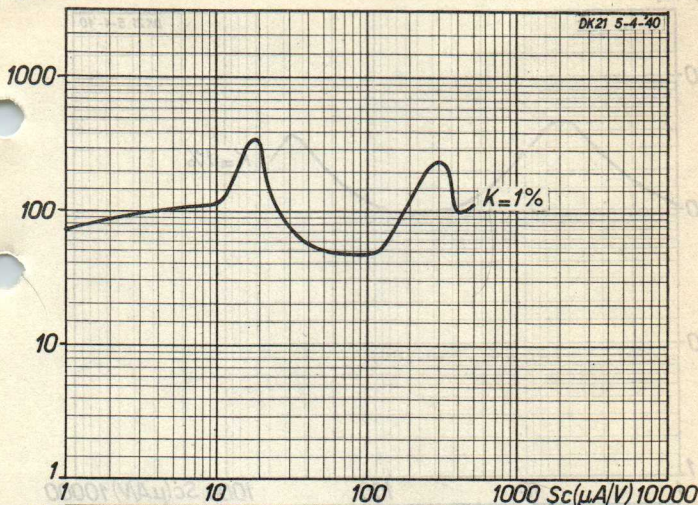


$V_b = 120 V$
 $R_{g5} = 120\,000 \Omega$

$V_a = 90 - 120 V$
 $V_{g2} = 60 V$
 $I_{g1} + I_{g3} = 200 \mu A$
 $R(g1+g3) = 35\,000 \Omega$



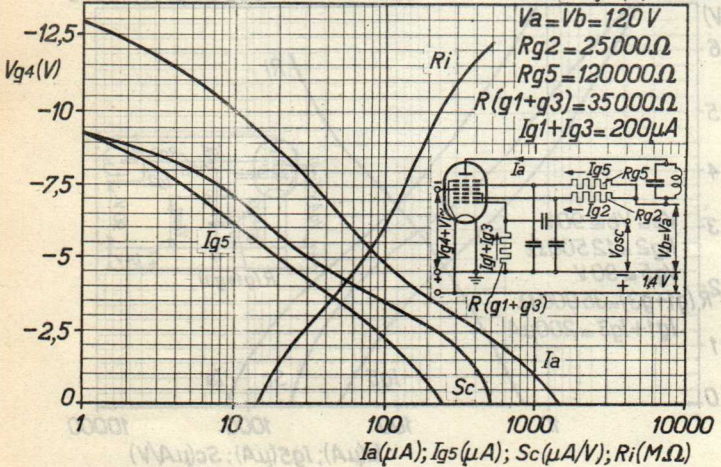
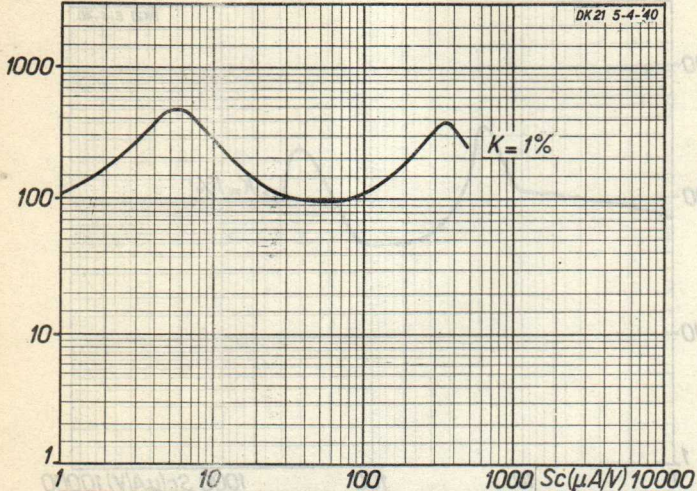
$v_{eff} (mV)$

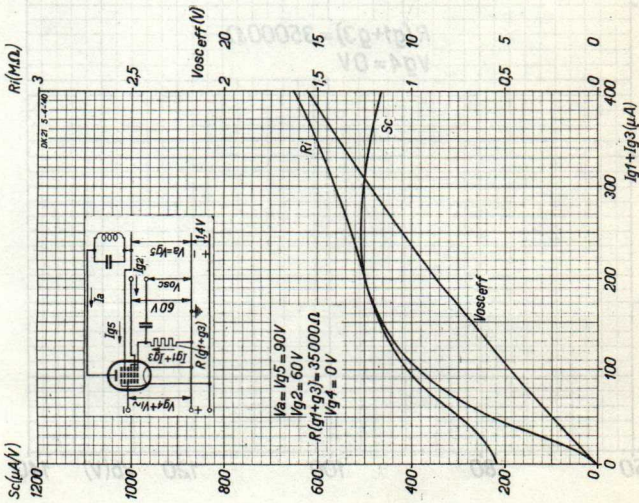
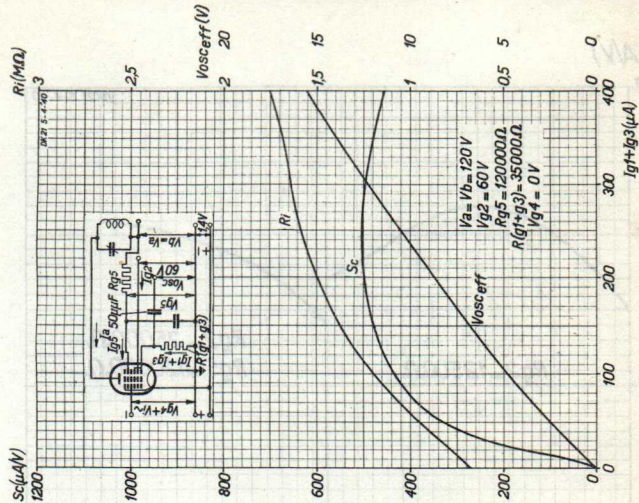


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$V_{ieff}(mV)$





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