

Röhrentype: Endpenthode, nur für Autoempfänger.
Type de tube: Penthode de sortie, pour recepteurs auto-radio seulement.
Type of tube: Power output pentode, for car-radio sets only.

Heizung indir., Batteriestrom, Parallel- oder Serienspeisung.
 Chauffage indir., courant de batterie, alimentation en parallèle ou en serie
 Heating indir., battery current, parallel or series heater supply

Vf 6,3 V
If 0,200 A

Kapazitäten
 Capacités
 Capacities

Cag1 < 0,6 μ F

Betriebsdaten zur Verwendung als einfacher Endverstärker
 Caracteristiques de service, utilisation comme tube de sortie simple
 Operating characteristics for use as single-tube output amplifier

Va	200	250 V
Vg2	200	250 V
Rk	480	485 Ω
Vg1	-14	-18 V
Ia	25	32 mA
Ig2	4	5 mA
S	3,0	2,8 mA/V
Ri	70.000	70.000 Ω
Ra	8.000	8.000 Ω
Wo (dtot = 10%)	2,3	3,6 W
Vieff (dtot = 10%)	8,5	10 V
Vieff (Wo = 50 mW)	1	0,9 V
μ g2g1	8,5	8

Betriebsdaten zur Verwendung als Gegentaktendverstärker (2 Röhren)
 Caracteristiques de service, utilisation comme amplificateur de sortie push-pull (2 tubes)
 Operating characteristics for use as push-pull output amplifier (2 tubes)

Va	200	250	V
Vg2	200	250	V
Rk 1)	320	305	Ω
Ra	9.000	8.000	Ω
Vieff ²⁾	0	14	0
Ia	2x21	2x24,5	2x27,5
Ig2	2x3,5	2x6	2x4,5
Wo	0	5	0
dtot	0	1,5	0
			1,4 %

1) Gemeinsamer Kathodenwiderstand.
 Resistance cathodique commune.
 Common cathode resistor.

2) Pro Gitter; par grille; for each grid.

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

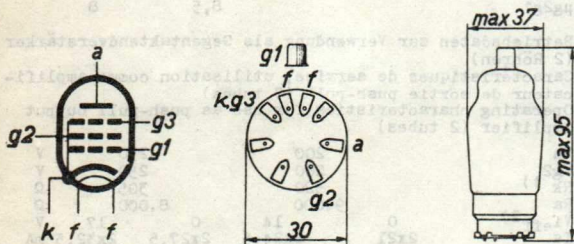
Vao	max.	550 V
Va	max.	250 V
Wa	max.	8 W
Vg2o	max.	550 V
Vg2	max.	250 V
Wg?	max.	1,6 W
Ik	max.	45 mA
Vg1 (Ig1 = +0,3 μ A)	max.	-1,3 V
Rglk ³⁾	max.	1 M Ω
Rglk ⁴⁾	max.	0,6 M Ω
Rfk	max.	5.000 Ω
Vrk	max.	50 V ⁵⁾

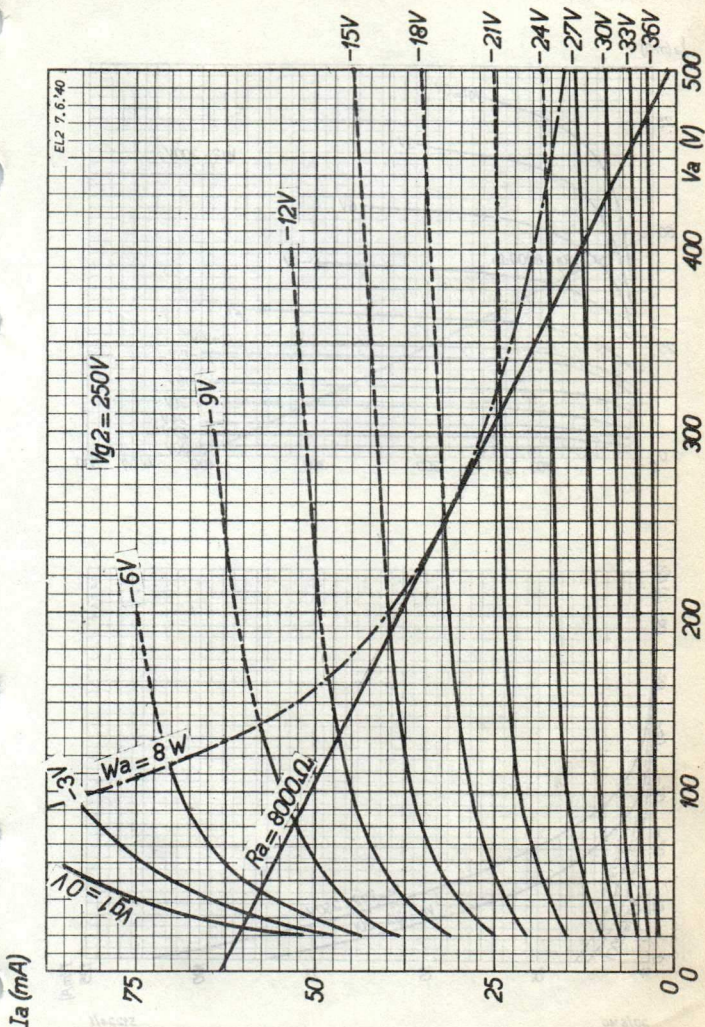
- 3) Bei automatischer Vorspannung.
 Pour la polarisation automatique.
 For self-bias.
- 4) Bei fester Vorspannung
 Pour la polarisation fixe.
 For fixed bias.
- 5) Gleichspannung; tension continue; D.C. voltage.

Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.

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

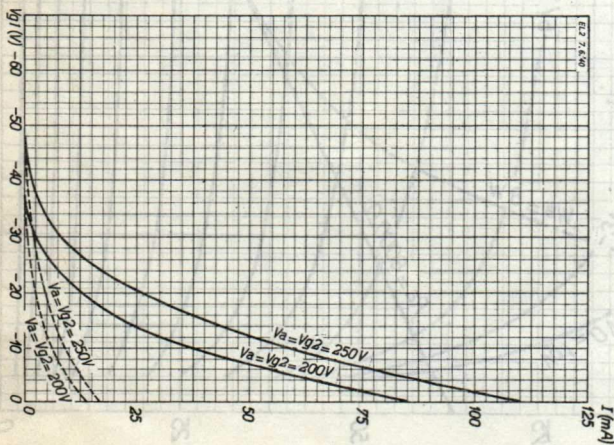
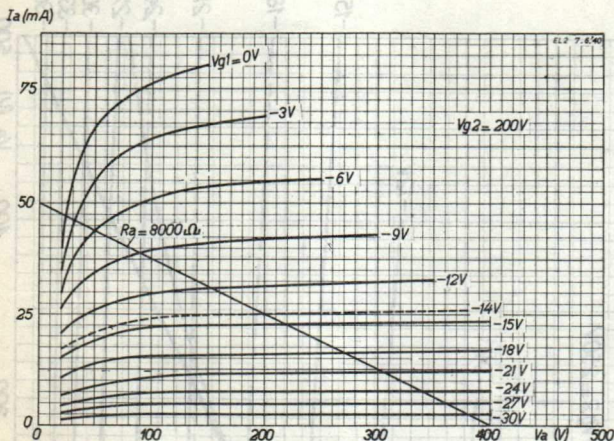
Electrode arrangement, base connections and max. dimensions in mm.





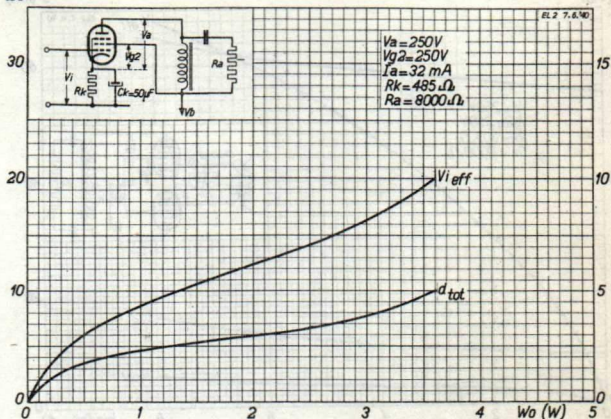
EL 2

PHILIPS „MINIWATT”

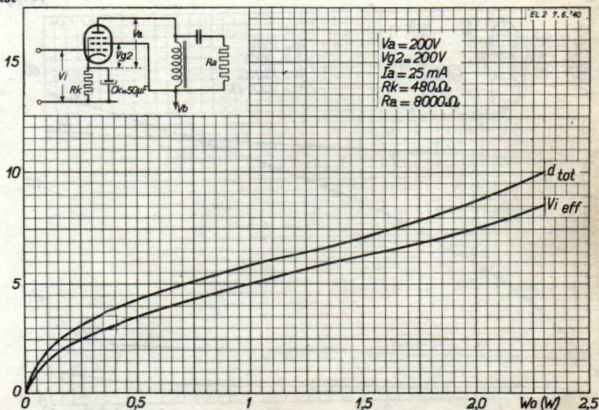


$d_{tot} (\%)$

$V_{i\text{ eff}} (V)$



$V_{i\text{ eff}} (V)$
 $d_{tot} (\%)$

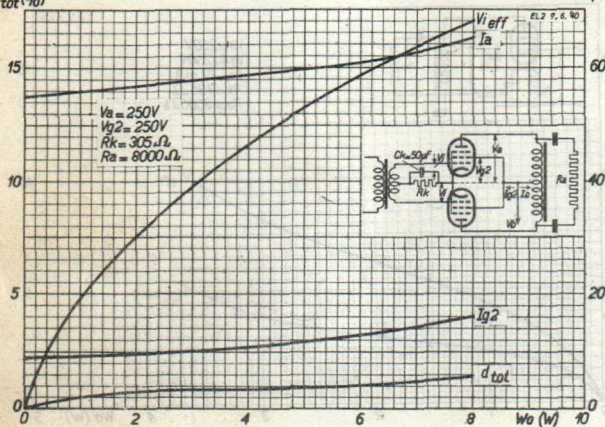


EL 2

PHILIPS „MINIWATT“

 $V_{i\text{eff}}$ (V)
 d_{tot} (%)

I (mA)


 $V_{i\text{eff}}$ (V)
 d_{tot} (%)

I (mA)

