

Netzröhre für GW-Heizung
indirekt geheizt
Serienspeisung
DC-AC-Heating
Indirectly heated
connected in series

TELEFUNKEN

PF 86

Pentode

Vorläufige technische Daten • Tentative data

I_f **300** mA
 U_f ca. 4,5 V

Normierte Anheizzeit • Normalize heating-up time

Meßwerte • Measuring values

U_a	250	V
U_{g3}	0	V
U_{g2}	140	V
U_{g1}	-2	V
I_a	3	mA
I_{g2}	0,6	mA
S	2	mA/V
R_i	2,5	M Ω
μ_{g2g1}	38	
U_{g3}	max. -30	V
bei $U_a = 100$ V		
$U_{g2} = 35$ V		
$U_{g1} = 0$ V		
$I_a = 10$ μ A		

Grenzwerte • Maximum ratings

U_{a0}	550	V
U_a	300	V
N_a	1	W
U_{g20}	550	V
U_{g2}	200	V
N_{g2}	0,2	W
I_k	4	mA
$I_{ksp}^{1)}$	25	mA
R_{g1} ($N_a < 0,2$ W)	10	M Ω
R_{g1} ($N_a > 0,2$ W)	3	M Ω
R_{g3}	0,1	M Ω
U_{fk}	100	V
R_{fk}	20	k Ω

1) Impulsdauer max. 4% einer Periode,
max. 0,8 ms.

Pulse duration max. 4% per period,
max. 0.8 ms.

Kapazitäten • Capacitances

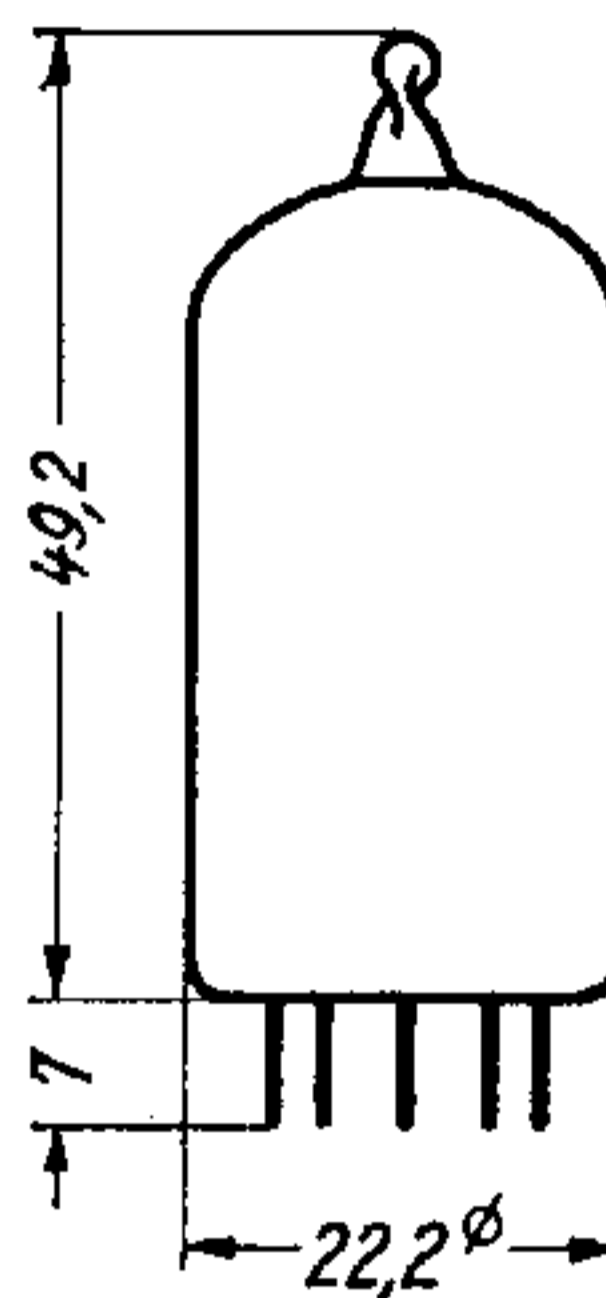
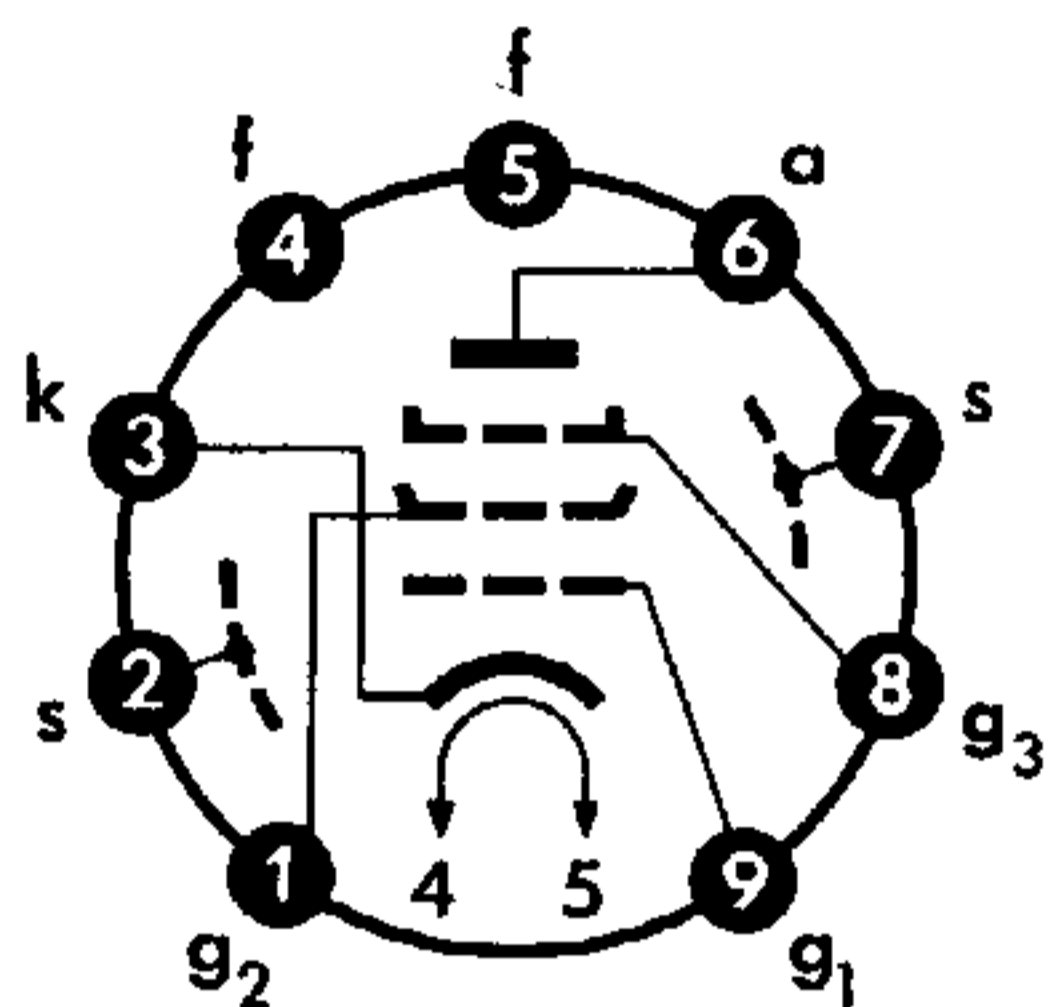
C_e	3,5	pF
C_a	5,0	pF
$C_{a/g1}$	< 0,05	pF
$C_{g1/f}$	< 0,003	pF



Sockelschaltbild
Base connection

max. Abmessungen
max. dimensions

DIN 41539, Nenngröße 40, Form A

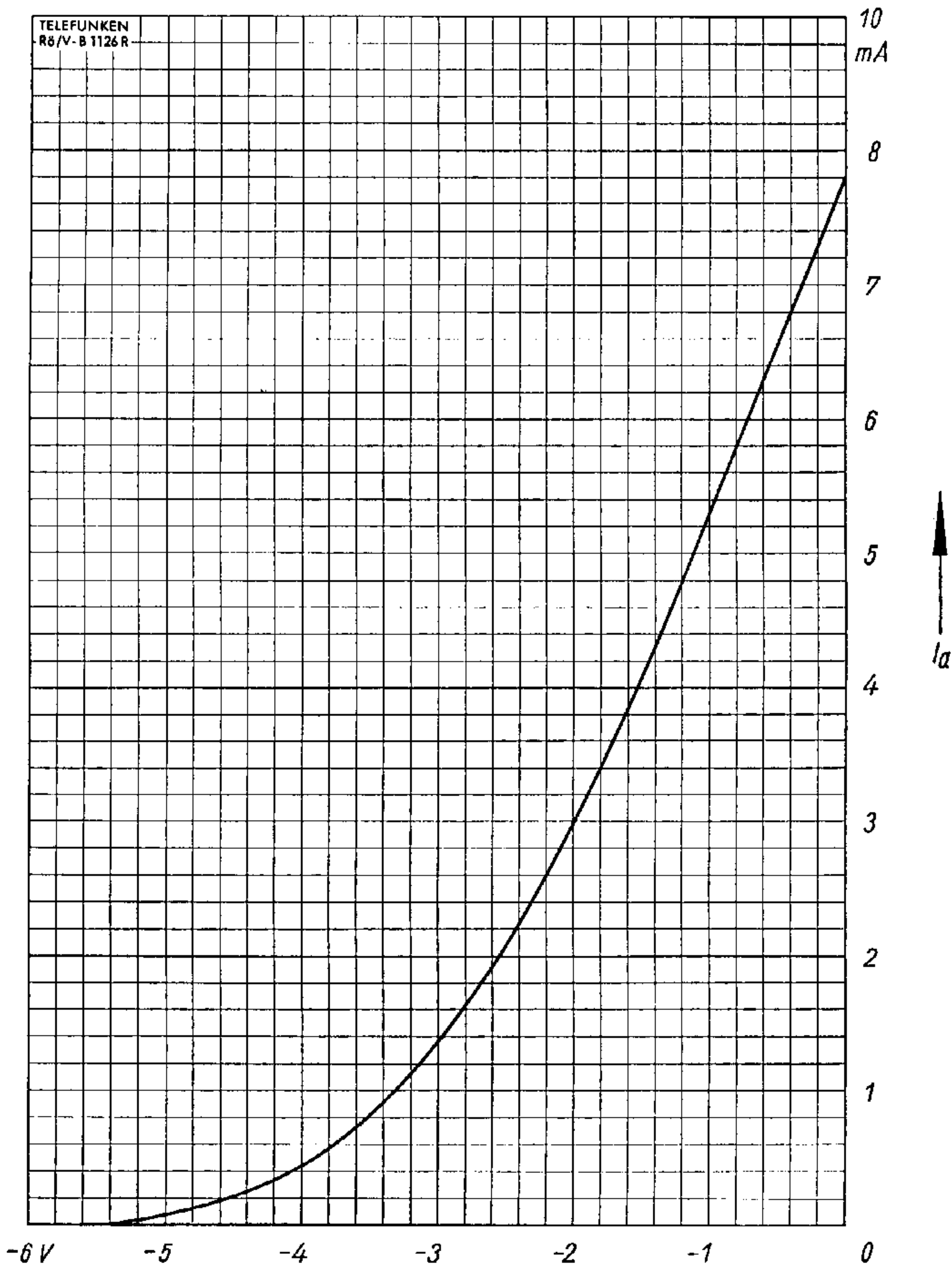


Pico 9 · Noval

Gewicht · Weight
max. 14 g

Wenn notwendig, muß gegen Herausfallen der Röhre aus der Fassung Vorsorge getroffen werden.

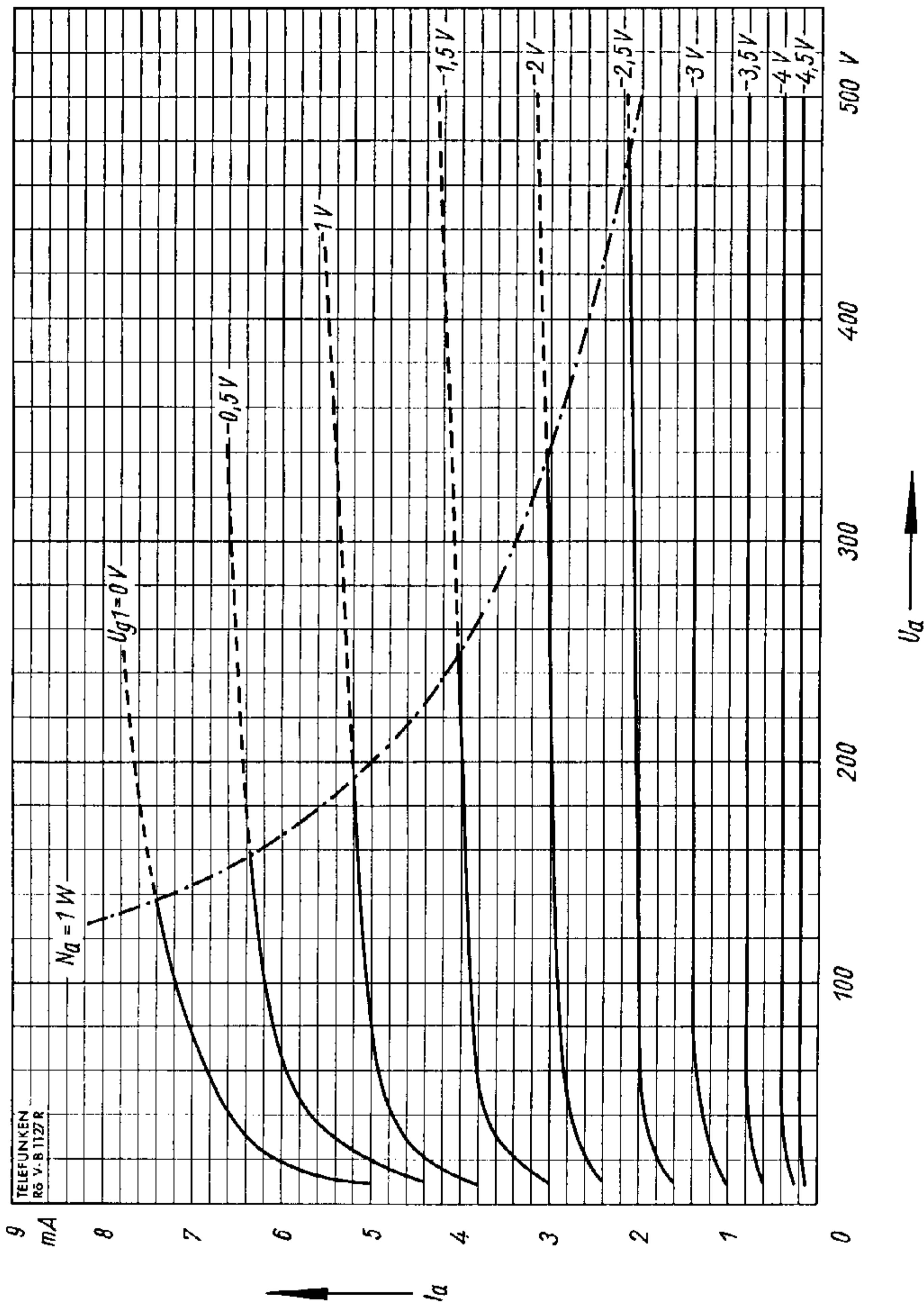
Special precaution must be taken to prevent the tube from becoming dislodged.



U_{g1} —————>

- $I_a = f(U_{g1})$
- $U_a = 250 \text{ V}$
- $U_{g2} = 140 \text{ V}$
- $U_{g3} = 0 \text{ V}$





- $I_a = f(U_a)$
- $U_{g3} = 0V$
- $U_{g2} = 140V$
- $U_{g1} = \text{Parameter}$

