

Netzröhre für GW-Heizung
indirekt geheizt
Parallelspeisung

TELEFUNKEN

6005
6AQ5W

DC-AC-Heating
indirectly heated
connected in parallel

Leistungspentode
Power pentode

U_f **6,3 V ± 10 %**
 I_f **450 ± 40 mA**

Meßwerte · Measuring values

U_a	250	V
U_{g2}	250	V
U_{g1}	-12,5	V
I_a	45	mA
I_{g2}	4,5	mA
S	4,1	mA/V
R_i	52	kΩ
μ_{g2g1}	10	

Grenzwerte · Maximum ratings

U_{a0}	550	V
U_a	275	V
N_a	12	W
U_{g20}	550	V
U_{g2}	275	V
N_{g2}	2	W
I_k	80	mA
$R_{g1}^{1)}$	0,5	MΩ
$R_{g1}^{2)}$	1	MΩ
$U_{f/k}$	100	V
$R_{f/k}$	20	kΩ
$t_{Kolben}^{3)}$	225	°C

1) U_{g1} fest · fixed grid bias

2) U_{g1} autom. · cathodes grid bias

3) absolutes Maximum

Betriebswerte · Typical operation

Leistungsverstärker · Power amplifier

A-Betrieb · Class A

U_a	250	V
U_{g2}	250	V
U_{g1}	-12,5	V
I_a	45	mA
$I_a^{4)}$	47	mA
I_{g2}	4,5	mA
$I_{g2}^{4)}$	7	mA
R_a	5	kΩ
$U_{g1\text{eff}}(N)$	8,8	V
k(N)	8	%
N	4,5	W

4) mit Signal · with signal

Kapazitäten · Capacitances

C_e	8	pF
C_a	8	pF
$C_{g1/a}$	< 0,8	pF

Höhenfestigkeit · Altitude for full ratings

max. 18000 m



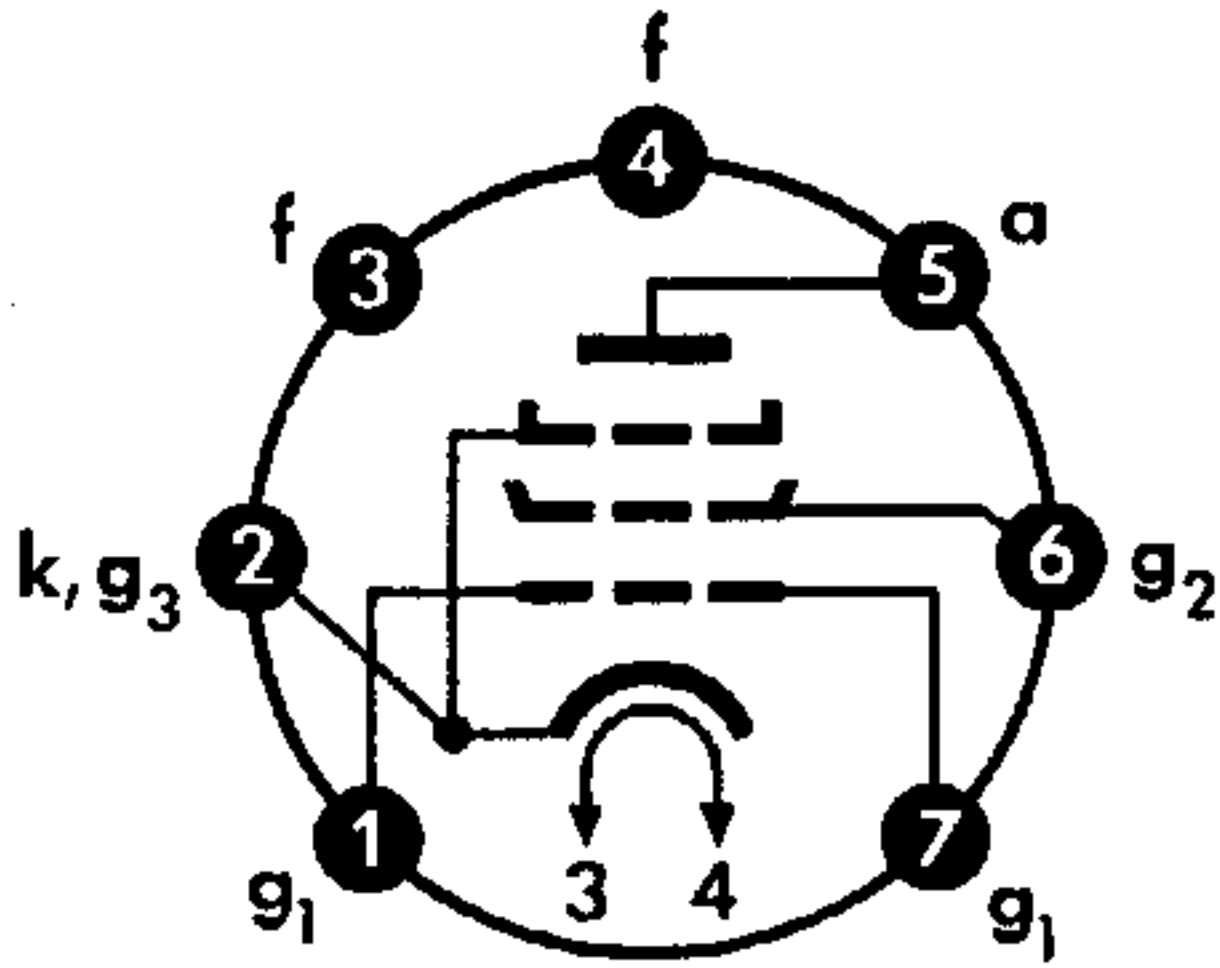
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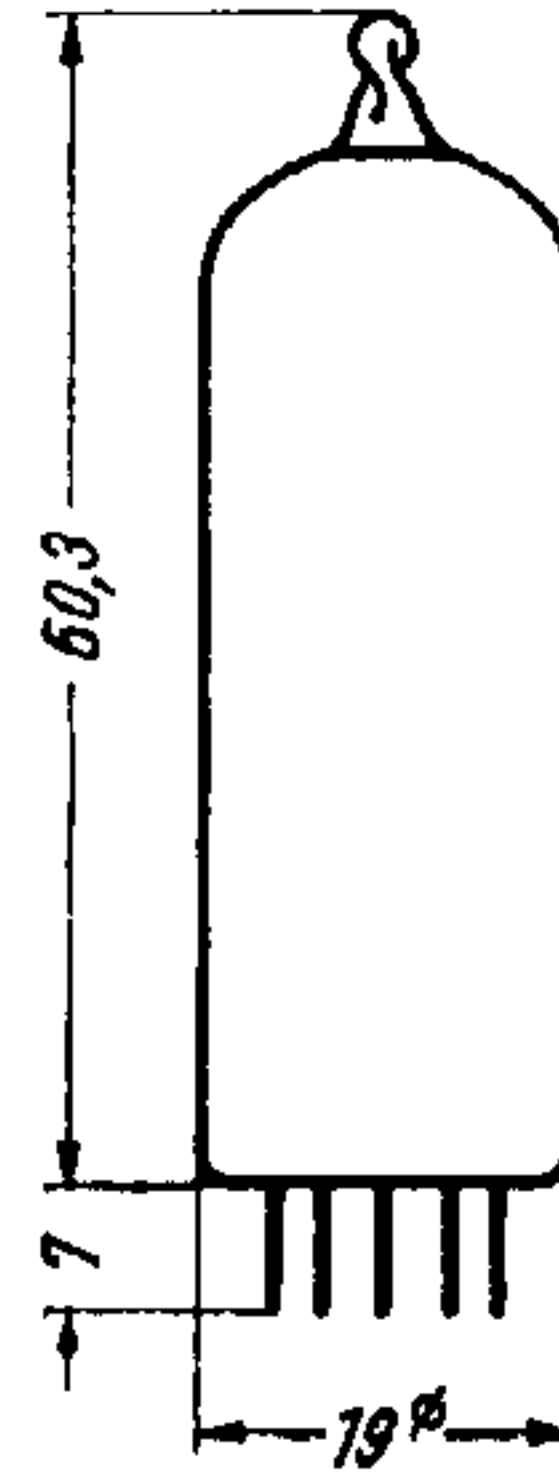
Sockelschaltbild
Base connection

max. Abmessungen
max. dimensions

DIN 41 537, Nenngröße 50, Form A



Pico 7 · Miniatur



Gewicht · Weight
max. 15 g

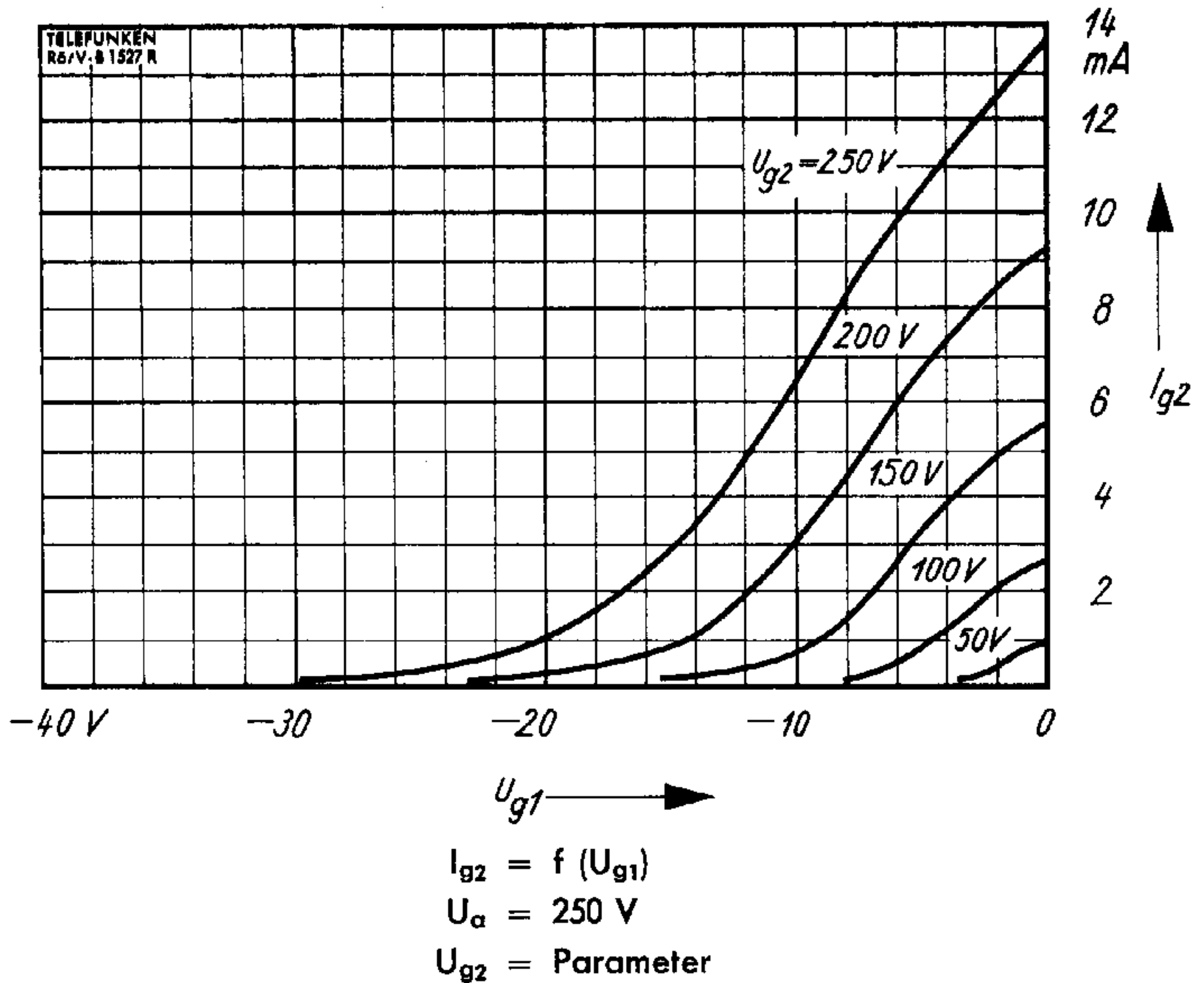
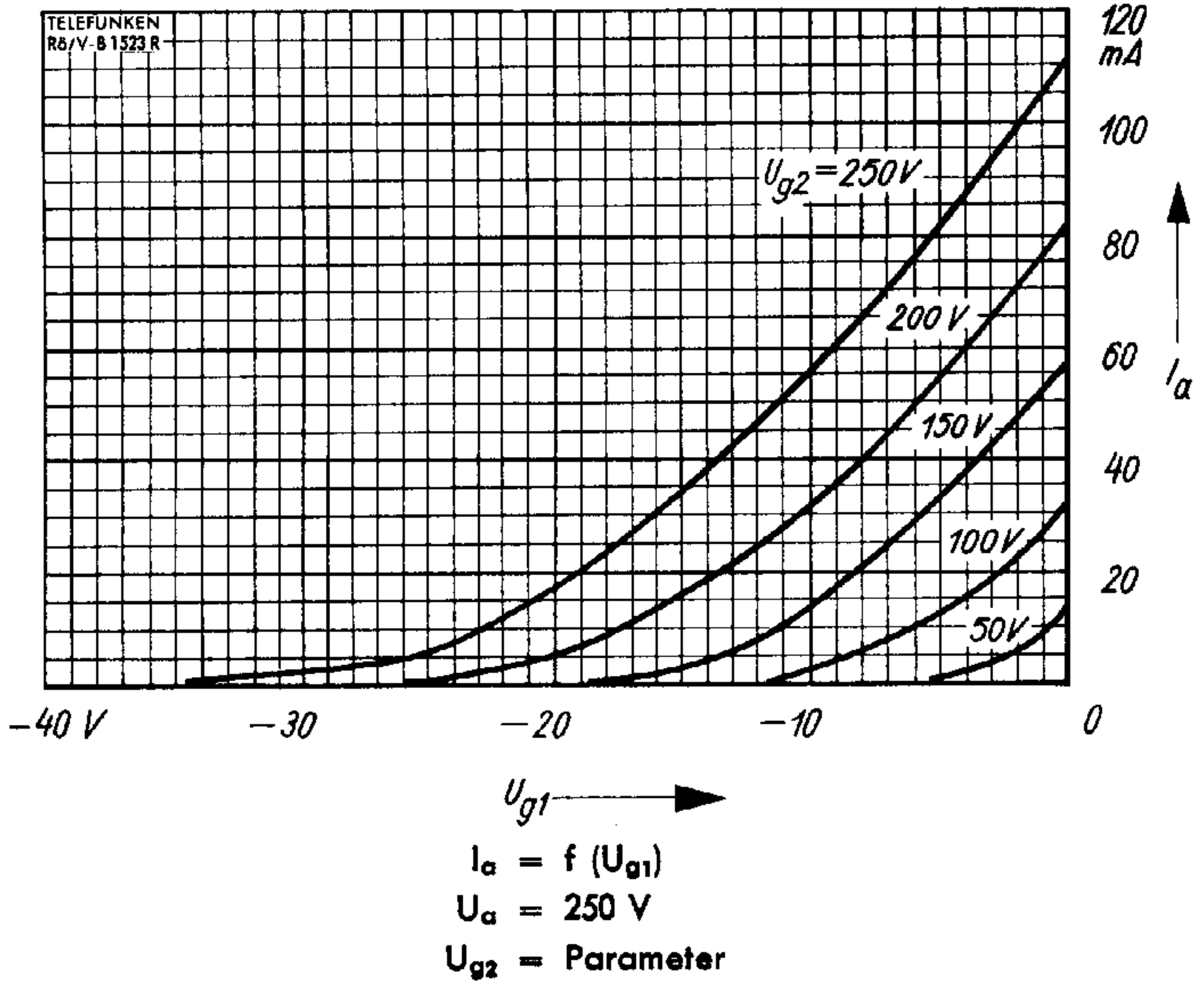
Wenn notwendig, muß gegen Herausfallen der Röhre aus der Fassung Vorsorge getroffen werden.

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



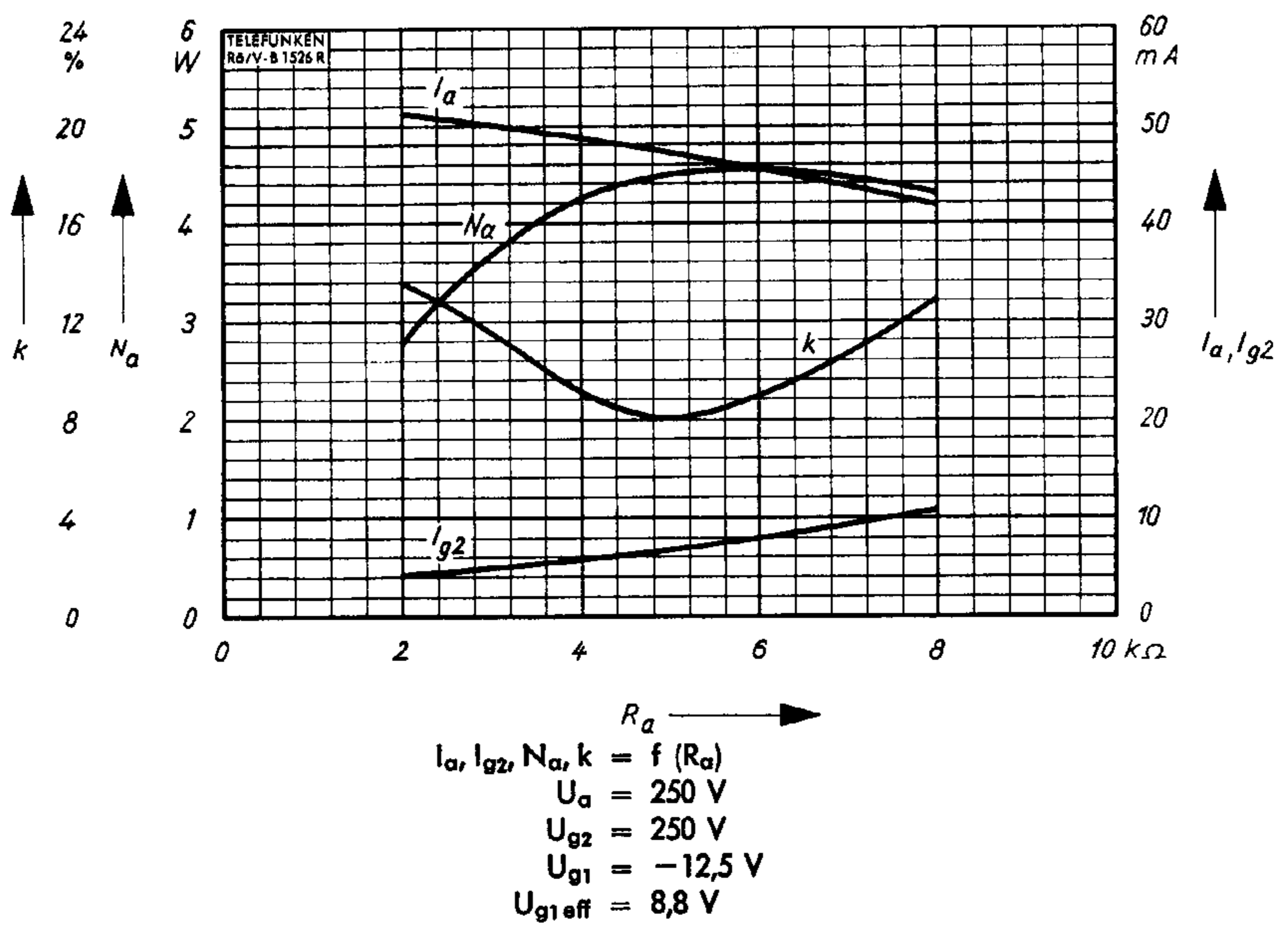
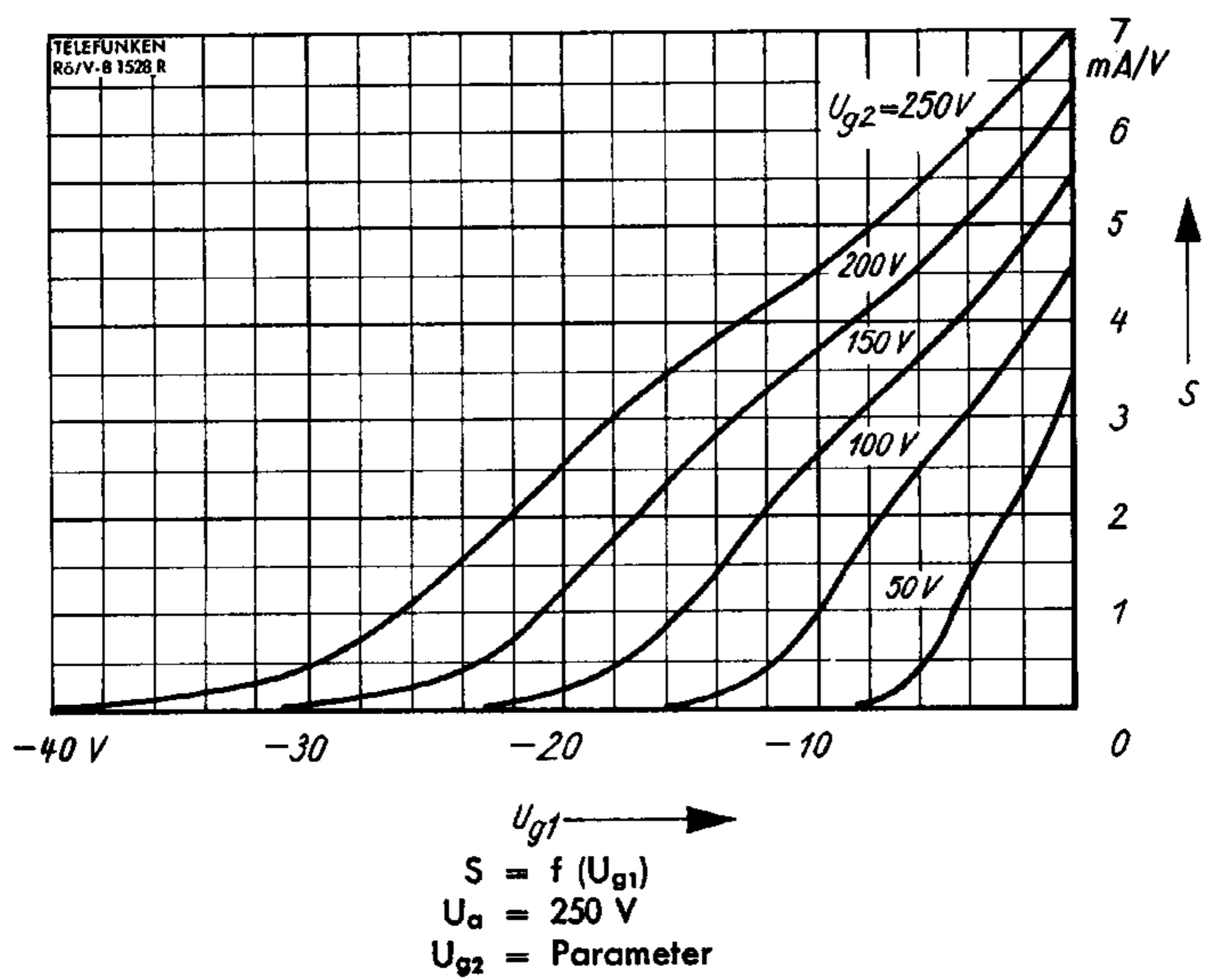
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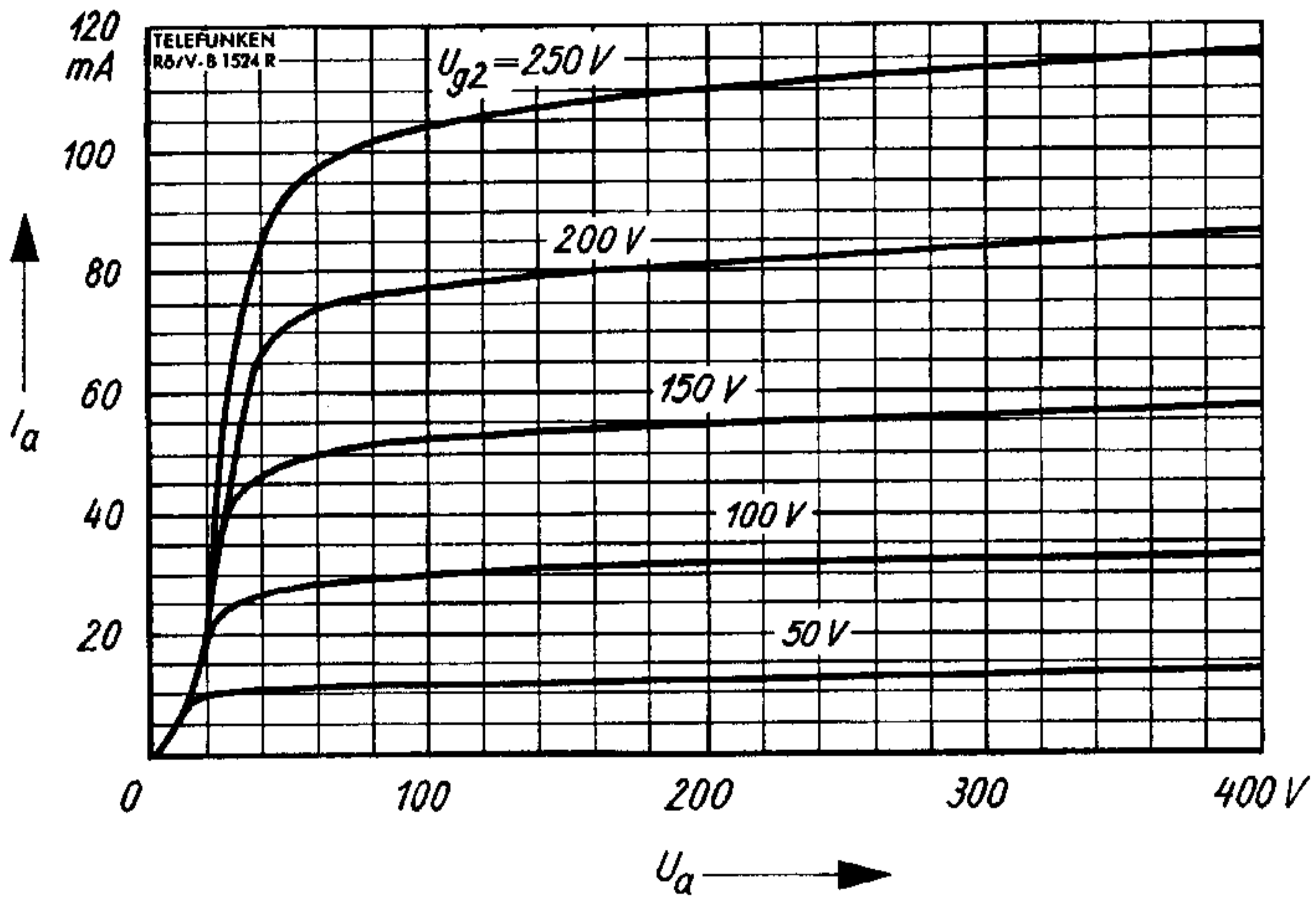
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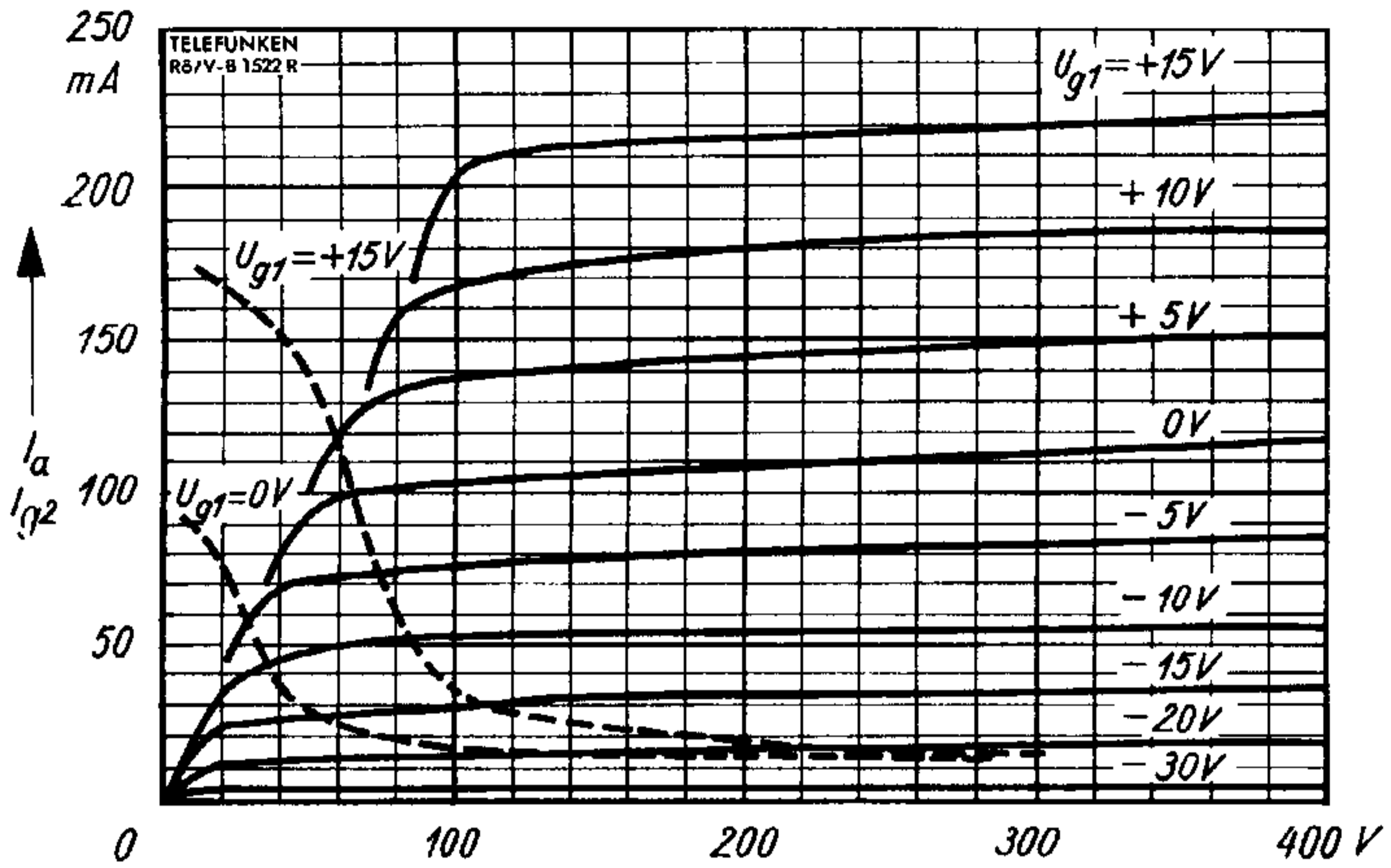


$I_a = f(U_a)$
 $U_{g2} = \text{Parameter}$
 $U_{g1} = 0 V$



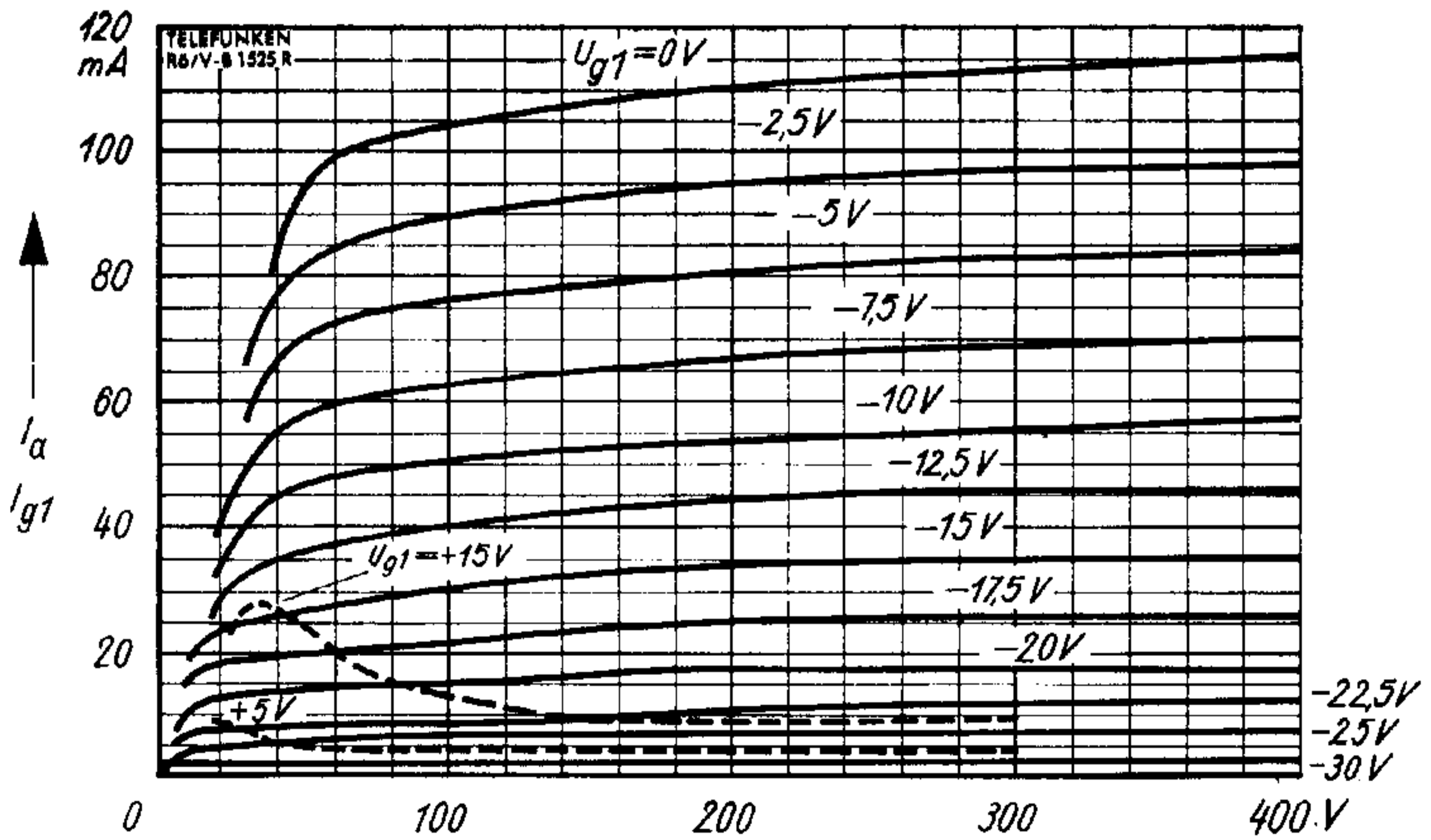
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$I_a, I_{g2} = f(U_a)$
 $U_{g2} = 250 V$
 $U_{g1} = \text{Parameter}$

— I_a
 - - - I_{g2}



$I_a, I_{g1} = f(U_a)$
 $U_{g2} = 250 V$
 $U_{g1} = \text{Parameter}$

— I_a
 - - - I_{g1}

