

Submin-Röhre
direkt geheizt
Submin-tube
directly heated

TELEFUNKEN

6397 spez.

HF-Leistungspentode
RF-power-pentode

| | | |
|-------|-------------------|----|
| U_f | 1,25 / 2,5 | V |
| I_f | 220/110 | mA |

Meßwerte · Measuring values

| | | |
|--------------|-------------|------------|
| U_a | 125 | V |
| U_{g2} | 125 | V |
| U_{g1} | -7,5 | V |
| I_a | 9 | mA |
| I_{g2} | 1,4 | mA |
| S | 2,3 | mA/V |
| R_i | 100 | k Ω |
| μ_{g2g1} | 10 | |

Grenzwerte · Maximum ratings

| | | |
|----------|-------------|------------|
| U_a | 180 | V |
| N_a | 1,5 | W |
| U_{g2} | 135 | V |
| N_{g2} | 0,6 | W |
| I_k | 20 | mA |
| R_{g1} | 0,5 | M Ω |
| U_{g1} | -100 | V |
| I_{g1} | 375 | μ A |

Höhenfestigkeit max. 18 500 m
Firmness of elevation

Stoßbeschleunigung max. 500 g
Instantaneous shocks

Bezugspunkt für alle Spannungswerte ist das negative Heizfadenende.
Negative filament terminal is reference point for all voltage values.



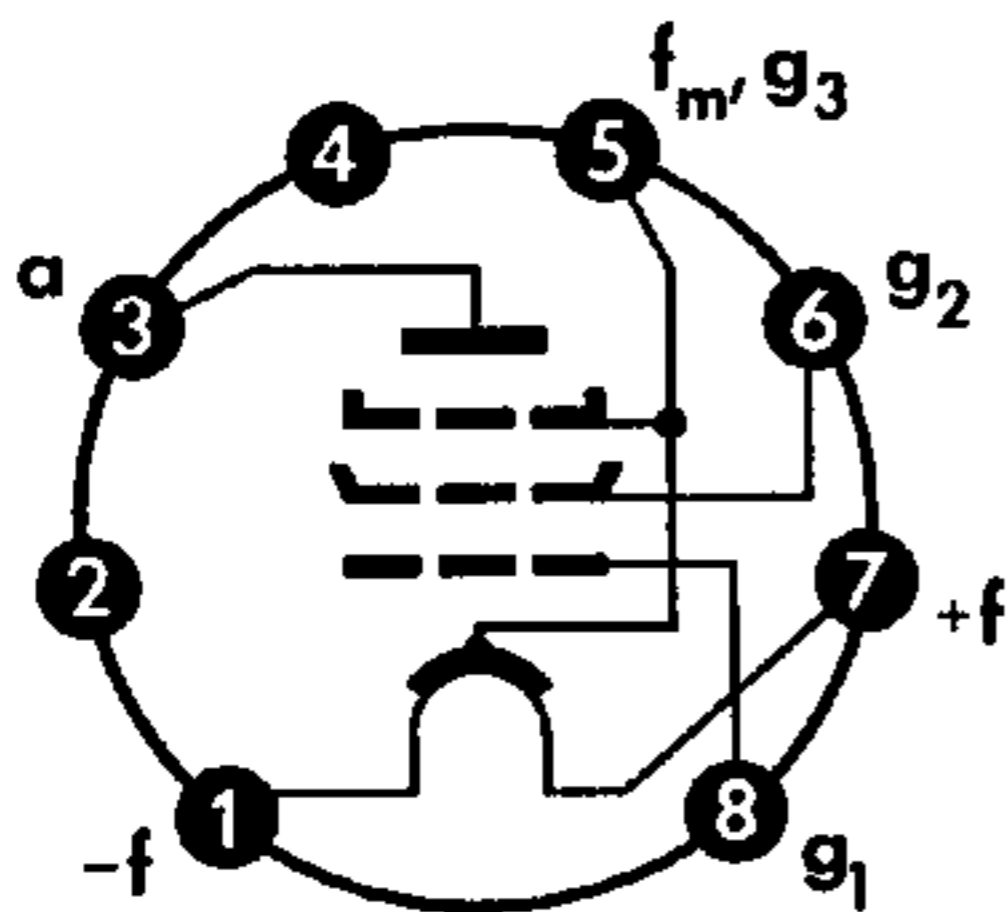
Kapazitäten · Capacitances

mit äußerer Abschirmung · with external screen

| | | |
|-----------|--------|----|
| C_e | 3,1 | pF |
| C_a | 2,8 | pF |
| C_{g1a} | < 0,06 | pF |

Elektrodenanschlüsse

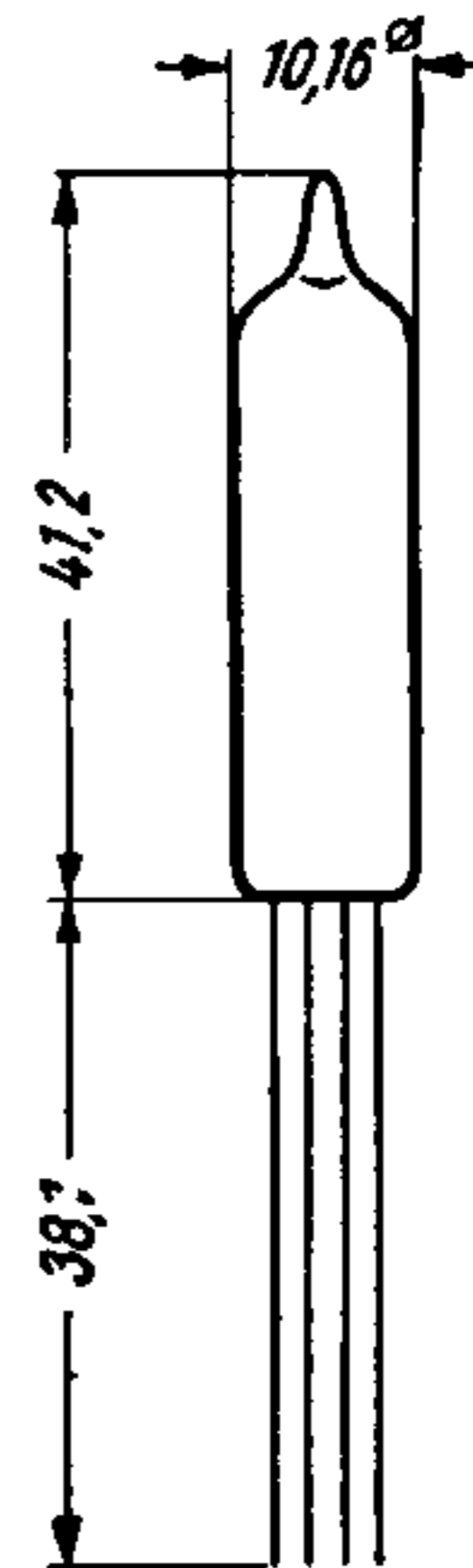
Electrodes leads



Submin 8

max. Abmessungen

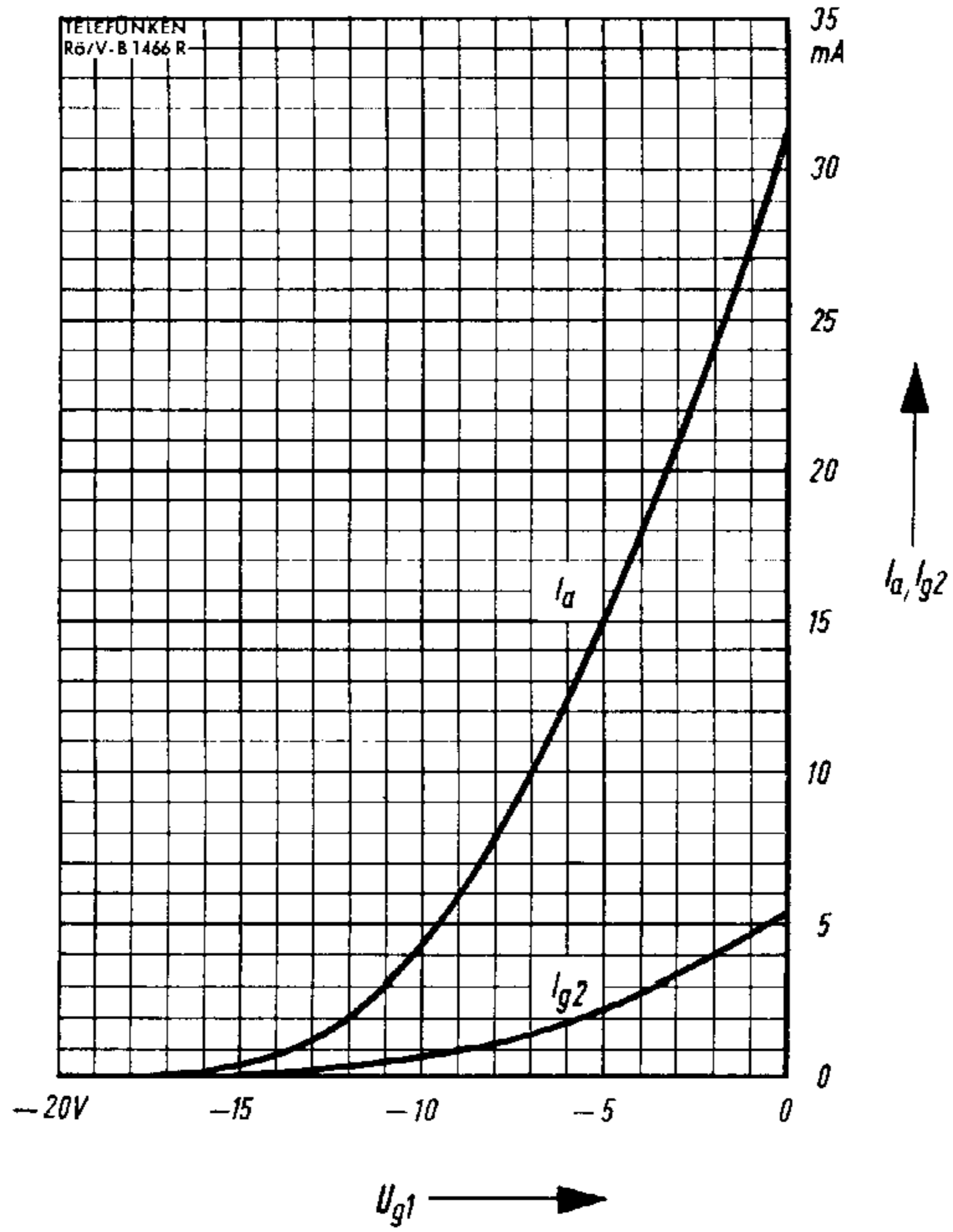
max. dimensions



Gewicht · Weight

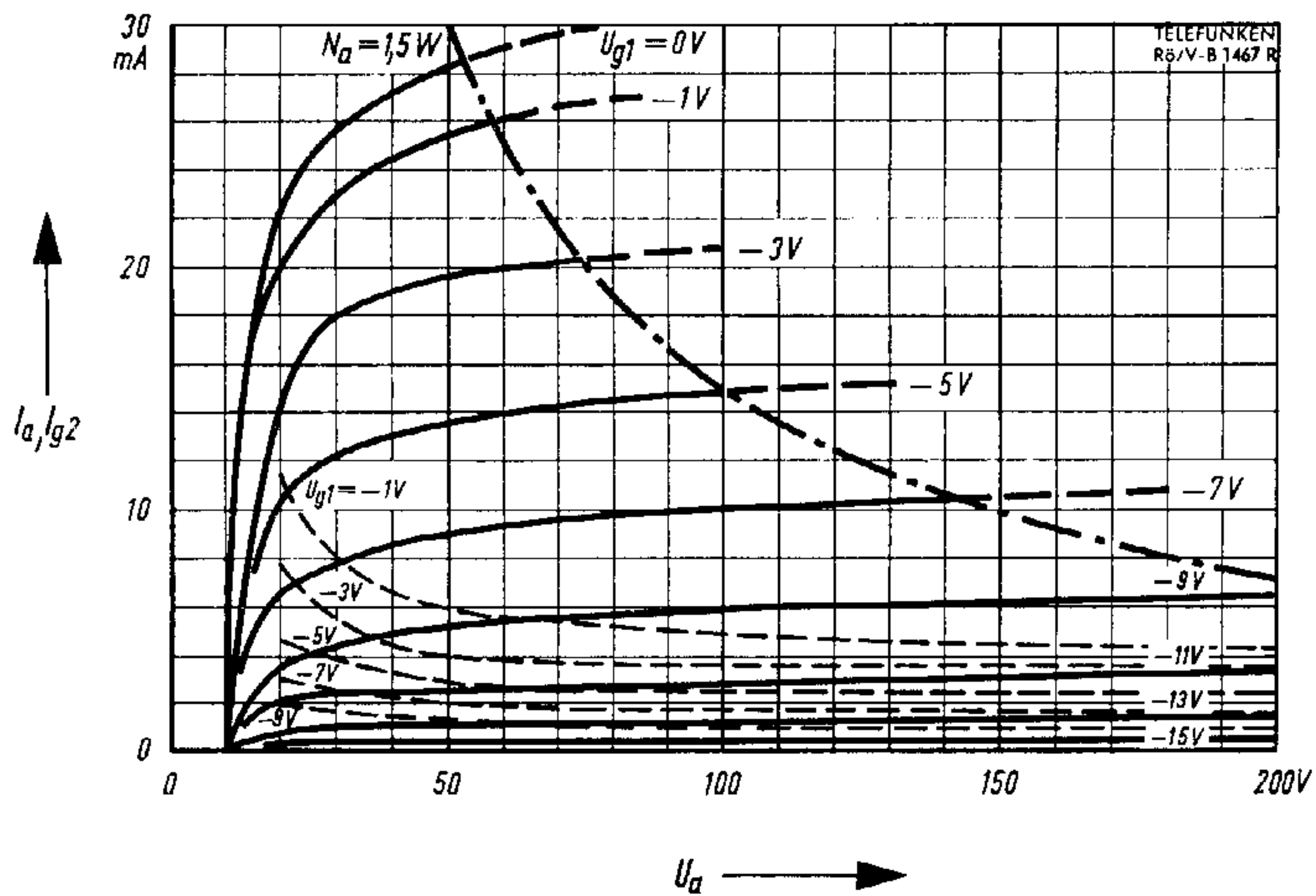
ca. 5 g





$$I_a, I_{g2} = f(U_{g1})$$
$$U_a = 125 \text{ V}$$
$$U_{g2} = 125 \text{ V}$$





$$I_a, I_{g2} = f(U_a)$$

$$U_{g2} = 125V$$

$$U_{g1} = \text{Parameter}$$

— I_a - - - - I_{g2}

