

Netzröhre für GW-Heizung
 Indirekt geheizt
 Parallelspeisung

DC-AC-Heating
 Indirectly heated
 connected in parallel

TELEFUNKEN

GZ 34

Zweiweg-
 Gleichrichter
 Fullwave rectifier

Vorläufige technische Daten · Tentative data

| | | |
|-------|------------|---|
| U_f | 5 | V |
| I_f | 1,9 | A |

Betriebswerte · Typical operation

C-Eingang (f = 50 Hz) · Capacitor input

| | | | | | | | |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|----|
| $U_{T\text{eff}}$ | 2×300 | 2×350 | 2×400 | 2×450 | 2×500 | 2×550 | V |
| I_+ | 250 | 250 | 250 | 250 | 200 | 160 | mA |
| C | 60 | 60 | 60 | 60 | 60 | 60 | μF |
| R_f | 2×75 | 2×100 | 2×125 | 2×150 | 2×175 | 2×200 | Ω |
| U_- | 330 | 380 | 430 | 480 | 560 | 640 | V |

Drossel-Eingang (f = 50 Hz) · Choke input

| | | | | | | | |
|-------------------|--------------|--------------|--------------|--------------|--------------|--------------|----|
| $U_{T\text{eff}}$ | 2×300 | 2×350 | 2×400 | 2×450 | 2×500 | 2×550 | V |
| I_+ | 250 | 250 | 250 | 250 | 250 | 225 | mA |
| L | 10 | 10 | 10 | 10 | 10 | 10 | H |
| R_f | 0 | 0 | 0 | 0 | 0 | 0 | Ω |
| U_- | 250 | 290 | 330 | 375 | 420 | 465 | V |



Grenzwerte · Maximum ratings

C-Eingang (f = 50 Hz) · Capacitor input

| | | |
|------------|-------------|---------|
| $-U_{asp}$ | 1500 | V |
| I_{asp} | 750 | mA |
| C | 60 | μF |

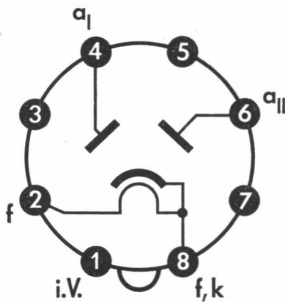
| | | | | | | | |
|-------------|--------------|--------------|--------------|--------------|--------------|--------------|----------|
| U_{Treff} | 2×300 | 2×350 | 2×400 | 2×450 | 2×500 | 2×550 | V |
| $I_{=}$ | 250 | 250 | 250 | 250 | 200 | 160 | mA |
| $R_t^{1)}$ | 2×50 | 2×75 | 2×100 | 2×125 | 2×150 | 2×175 | Ω |

Drossel-Eingang (f = 50 Hz) · Choke input

| | | | |
|-------------|--------------|--------------|----|
| $-U_{asp}$ | 1500 | V | |
| I_{asp} | 750 | mA | |
| U_{Treff} | 2×500 | 2×550 | V |
| $I_{=}$ | 250 | 225 | mA |

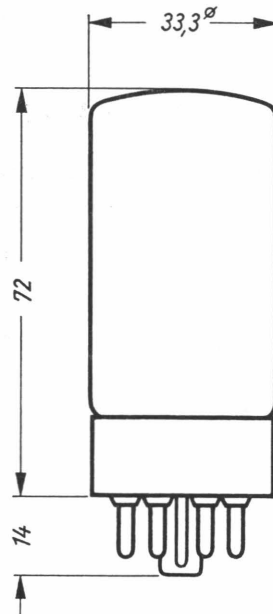
1) Minimalwert · minimal value

Sockelschaltbild
Basing diagram



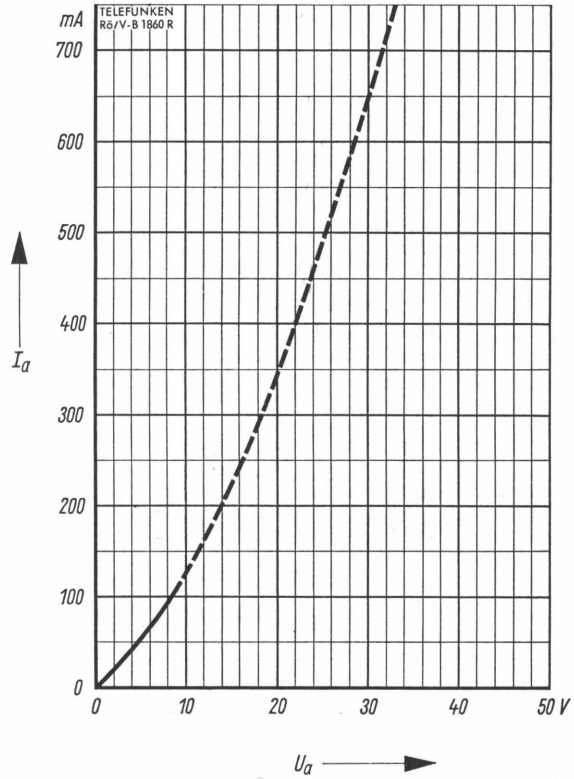
Oktal
Betriebslage beliebig
Operation position any

max. Abmessungen
max. dimensions

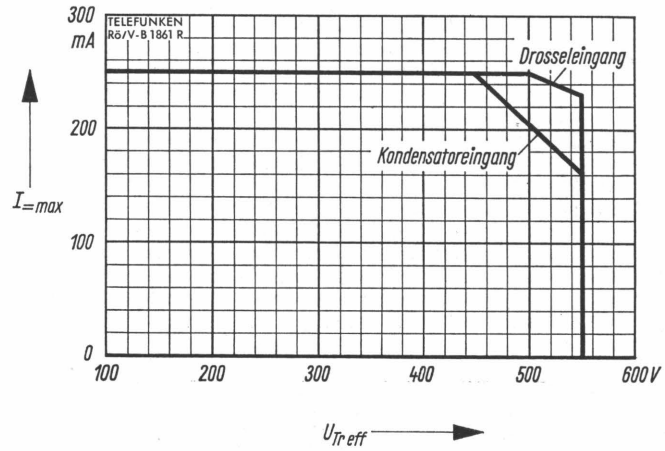


Gewicht · Weight
max. 45 g

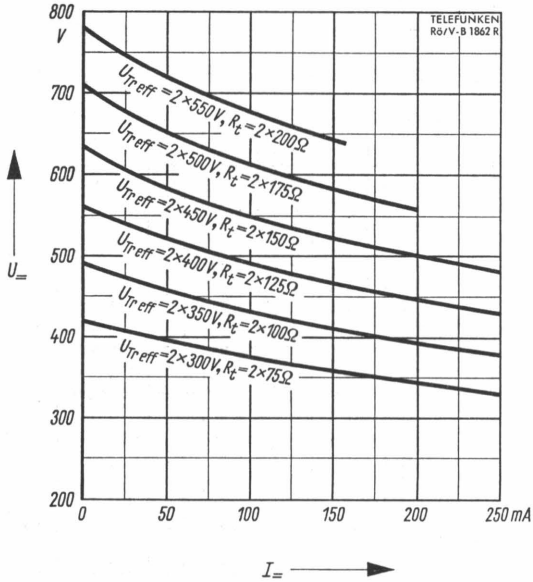
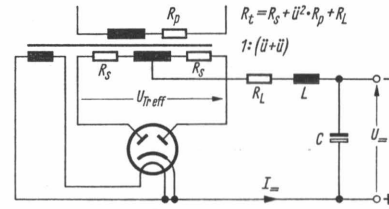
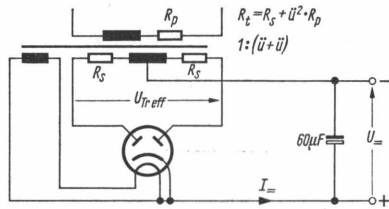




$$I_a = f(U_a)$$

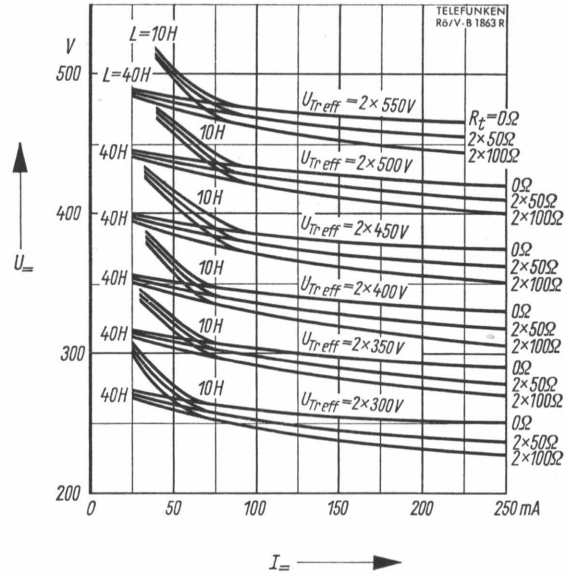


$$I_{max} = f(U_{Treff})$$



$U_{=} = f(I_{=})$

C-Eingang • Capacitor input



$U_{=} = f(I_{=})$

Drossel-Eingang • Choke input

L = 10 bzw. 40 H

C = 4... 60 μ F

