

Netzröhre für GW-Heizung
indirekt geheizt
Parallelspeisung
DC-AC-Heating
indirectly heated
connected in parallel

EL153

TELEFUNKEN

Sendetetrode für KW und UKW
Transmitting tetrode for SW and VHF

U_f **6,3** V
 I_f ca. 1,5 A

Meßwerte · Measuring values

| | | |
|-------------|-------------|------------|
| U_a | 600 | V |
| U_{g2} | 250 | V |
| U_{g1} | -49 | V |
| I_a | 50 | mA |
| I_{g2} | 0,3 | mA |
| S | 4 | mA/V |
| $U_{g2/g1}$ | 4,75 | |
| R_i | 20 | k Ω |

Betriebswerte · Typical operation

HF-Verstärker, 1 Röhre, B-Betrieb,
 $f < 200$ MHz

RF-amplifier, 1 tube, class B,
 $f < 200$ Mc/s

| | | | |
|-----------------|------------|------------|----|
| U_a | 250 | 500 | V |
| U_{g2} | 250 | 250 | V |
| U_{g1} | -80 | -80 | V |
| U_{g1HF} | 100 | 100 | V |
| I_a | 130 | 130 | mA |
| I_{g2} | 2 | 2 | mA |
| I_{g1} | 3,5 | 3,5 | mA |
| N _{HF} | 12 | 30 | W |

HF-Verstärker, 2 Röhren,
Gegentakt-B-Betrieb

RF-amplifier, 2 tubes,
push-pull class B

| | | |
|-----------------|----------------|------------|
| U_a | 625 | V |
| U_{g2} | 250 | V |
| U_{g1} | -75 | V |
| U_{g1HF} | 175 | V |
| $R_{g1}^{1)}$ | 20 | k Ω |
| I_a | 2 \times 125 | mA |
| I_{g2} | 2 \times 2,5 | mA |
| I_{g1} | 2 \times 2 | mA |
| N _{HF} | 80 | W |

¹⁾ je Röhre · per tube



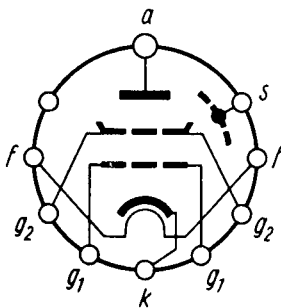
Grenzwerte · Maximum ratings

| | | |
|--|-------------|-------------|
| U_{a0} | 1000 | V |
| U_a | 650 | V |
| Q_a | 40 | W |
| U_{g20} | 800 | V |
| U_{g2} | 300 | V |
| Q_{g2} | 5 | W |
| U_{g1} | -300 | V |
| Q_{g1} | 1 | W |
| R_{g1} ($t_{Kolben} < 200\text{ °C}$) | 250 | k Ω |
| R_{g1} ($t_{Kolben} < 300\text{ °C}$) | 25 | k Ω |
| I_k | 230 | mA |
| $U_{f/k}$ | 200 | V |
| $R_{f/k}$ | 5 | k Ω |
| t_{Kolben} | 300 | °C |
| f_{max} | 200 | MHz |

Kapazitäten · Capacitances

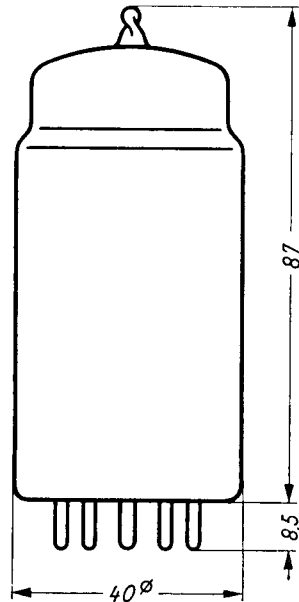
| | | |
|-------------|------------------|----|
| c_e | 14 | pF |
| c_a | 6 | pF |
| $c_{g/a}$ | < 0,35 | pF |
| $c_{g1/g2}$ | | pF |

**Sockelschaltbild
Base connection**



**Fassung Lager-Nr. 30 216
Socket stock no. 30 216**

**max. Abmessungen
max. dimensions**



**Gewicht · Weight
max. 45 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.**

