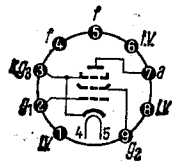


E 84 L / 7320

Stelle Endpentode für
Leistungsverstärker,
Breitbandverstärker,
Kathoden- und Regel-
verstärker

High-Transconductance
Power-Pentode for
Power Amplifiers, Broad-
band-Amplifiers,
Cathode and Automatic
Gain Control Amplifiers



Noval
Kolben Nr. 10
Bulb No. 10
LL Z To Sto Spk HS

Allgemeine Daten General Data

Heizung

Heating

$U_f = 6,3 \text{ V}$

$I_f \approx 0,76 \text{ A}$

Indirekt

Indirect

Kapazitäten

Capacitances

$C_e = 10 \text{ pF}$

$C_a = 6,0 \text{ pF}$

$C_{ag1} < 0,5 \text{ pF}$

Kenn- und Betriebsdaten Characteristics and Typical Operation

Kenndaten

Characteristics

$U_a = 250 \text{ V}$ $I_a = 48 \text{ mA}$

$U_{g2} = 250 \text{ V}$ $I_{g2} = 5,5 \text{ mA}$

$R_k = 135 \Omega$ $S = 11,3 \text{ mA/V}$

$R_i = 40 \text{ k}\Omega$

Betriebsdaten

Typical Operation

Eintakt A/ Class A

$U_a = 250 \text{ V}$ $I_a = 49,5 \text{ mA}$

$U_{g2} = 250 \text{ V}$ $I_{g2} = 10,8 \text{ mA}$

$R_k = 135 \Omega$ $N_{a\sim} = 5,7 \text{ W}$

$R_a = 5,2 \text{ k}\Omega$ $k = 10 \%$

Gegentakt AB / Push-Pull-AB

$U_a = 300 \text{ V}$ $I_a = 2 \times 46 \text{ mA}$

$U_{g2} = 300 \text{ V}$ $I_{g2} = 2 \times 11 \text{ mA}$

$R_{aa} = 8 \text{ k}\Omega$ $N_{a\sim} = 17 \text{ W}$

$R_k = 130 \Omega$ $k = 4 \%$

Grenzdaten Maximum Ratings

$U_a \text{ max } 450 \text{ V}$

$Q_a \text{ max } 13,5 \text{ W}$

$U_{g2} \text{ max } 450 \text{ V}$

$Q_{g2} \text{ max } 2,2 \text{ W}^*$

$Q_{g2,sp} \text{ max } 4,4 \text{ W}^{**}$

$-U_{g1} \text{ max } 100 \text{ V}$

$I_k \text{ max } 100 \text{ mA}$

$R_{g1} \text{ max } 1 \text{ M}\Omega$

$U_{fk} \text{ max } 100 \text{ V}$

* $U_{g1\sim} = 0 \text{ V}$

** $U_{g1\sim} > 0 \text{ V}$