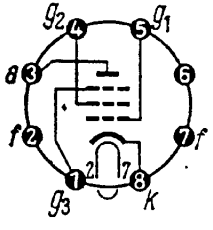
EL 34
6 CA 7

Endpentode

Verwendung für Kraftverstärker

Power Pentode

for Power Amplifier



Oktal

Kolben Nr. 30
Bulb No. 30

Allgemeine Daten
General Data

Heizung
Heating

U_f = 6,3 V
I_f = 1,5 A
indirekt
indirect

Kapazitäten
Capacitances

C_{eing}	=	15,5 pF
C_{ausg}	=	7,2 pF
C_{ag_1}	<	1,0 pF
$C_{g_1 f}$	<	1,0 pF
C_{kf}	=	11 pF

Kenn- und Betriebsdaten
Characteristics and Typical Operation

Betriebsdaten
Typical Operation

Eintakt A
Class A

U_b	=	265	265 V
U_a	=	250	250 V
R_{g_2}	=	2	0 kΩ
U_{g_2}	=	0	0 V
U_{g_1}	=	−14,5	−13,5 V
I_a	=	70	100 mA
I_{g_2}	=	10	14,9 mA
S	=	9,0	11 mA/V
R_i	=	18	15 kΩ
R_a	=	3,0	2,0 kΩ
$U_{g_1\sim}$	=	9,3	8,7 V_{eff}
$N_\sim$	=	8	11 W
k	=	10	10 %
$U_{g_1\sim}$ $N_\sim$ (= 50 mW)			
	=	0,65	0,5 V_{eff}
$\mu_{g_2 g_1}$	=	11	11

Grenzdaten
Maximum Ratings

$U_{a\ kalt}$	=	2000 V
U_a	=	800 V
Q_a ($U_{g_1\sim}$ = 0)		
	=	25 W
Q_a ($U_{g_1\sim}$ > 0)		
	=	27,5 W
$U_{g_2\ kalt}$	=	800 V
U_{g_2}	=	425 V
Q_{g_2}	=	8 W
I_k	=	150 mA
R_{g_1}	=	0,7 MΩ*
R_{g_1}	=	0,5 MΩ**
U_{fk}	=	100 V
R_{fk}	=	20 kΩ

* Kl. A und AB

** Kl. B