

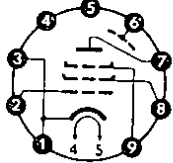
EF 183

Regelbare
HF/ZF-Pentode
für
ZF-Verstärker
in FS-Geräten

Remote cutoff
RF/IF pentode
for
IF amplifiers
in TV receivers

Pico 9
Noval
Größe 9
Outlines 9

Stift · Pin
1 k
2 g₁
3 k
4 f
5 f
6 s
7 a
8 g₂
9 g₃



$U_f = 6,3 \text{ V}$
 $I_f \text{ ca. } 300 \text{ mA}$

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 $U_f \text{ ca. } 6,3 \text{ V}$

 indirekt geheizt
 indir. heated

 $U_a = 200 \text{ V}$
 $U_{g3} = 0 \text{ V}$
 $U_{g2} = 90 \text{ V}$
 $U_{g1} = -2 \text{ V}$
 $I_a = 12 \text{ mA}$
 $I_{g2} = 4,5 \text{ mA}$
 $S = 12,5 \text{ mA/V}$
 $R_i = 500 \text{ k}\Omega$
 $r_{el} (40 \text{ MHz}) = 10 \text{ k}\Omega$

HF-Verstärker

RF-amplifier

U_a	=	200	230	V		
U_{g3}	=	0	0	V		
U_{bg2}	=	200	230	V		
R_{g2}	=	24	39	k Ω		
U_{g1}	=	-2	-9,5	-2,1	-12	V
I_a	=	12	2,7	10,5	2,4	mA
S	=	12,5	0,62	10,6	0,5	mA/V

Kapazitäten · Capacitances

c_e	=	9,5	pF
c_a	=	3	pF
c_{ag1}	<	0,0055	pF

U_a	=	250	V
N_a	=	2,5	W
U_{g2}	=	250	V
N_{g2}	=	0,65	W
I_k	=	20	mA
$R_{g1}^{1)}$	=	1	M Ω
$R_{g1}^{2)}$	=	0,5	M Ω
R_{g3}	=	50	k Ω
U_{g1sp}	=	-50	V
$U_{f/k}$	=	± 150	V
$R_{f/k}$	=	20	k Ω

1) U_{g1} mittels R_k
 U_{g1} by R_k
 2) U_{g1} fest
 fixed grid bias