U_f	**6,3**	V
I_f	**300**	mA

Meßwerte · Measuring values

Triodenteil je System
Triode section per System

U_a	**100**	V
U_g	**−2**	V
I_a	2,8	mA
S	1	mA/V
μ	19	
U_{ge} ($I_g \leqq +0{,}3\ \mu A$)	−1,3	V

Betriebswerte · Typical operation

$U_b = U_L$	**200**		**250**		V
$R_{aI} = R_{aII}$	**400**		**400**		kΩ
$U_{g\,anz.}$	0		0		
$U_{gI} = U_{gII}$	0 ...	−16	0 ...	−20	V
$R_{gI} = R_{gII}$	2		2		MΩ
I_L	1,4	1,9	1,8	2,5	mA
$I_{aI} = I_{aII}$	430	48	550	60	µA
$a_I = a_{II}$	27	0	27	0	mm

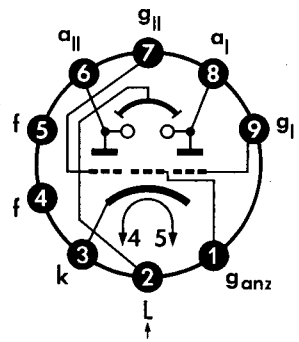
max. Schattenlängenunterschied $a_{II} - a_I = 2$ mm
max. difference of shadow length
bei $U_{gI} = U_{gII} = -1{,}3$ V

Grenzwerte · Maximum ratings

per System

U_{ao}	**550**	V
U_a	**300**	V
N_a	**0,2**	W
U_{Lo}	**550**	V
U_L	**300**	V
$U_{L\,min}$	**170**	V
I_k	**12**	mA
R_g	**3**	MΩ
$U_{f/k}$	**100**	V
$R_{f/k}$	**20**	kΩ

Sockelschaltbild
Base connection

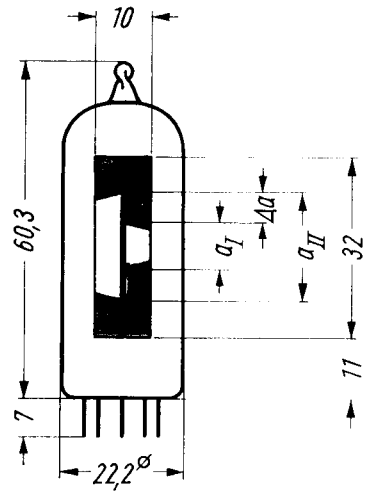


Blickrichtung · Direction of view

Pico 9 · Noval

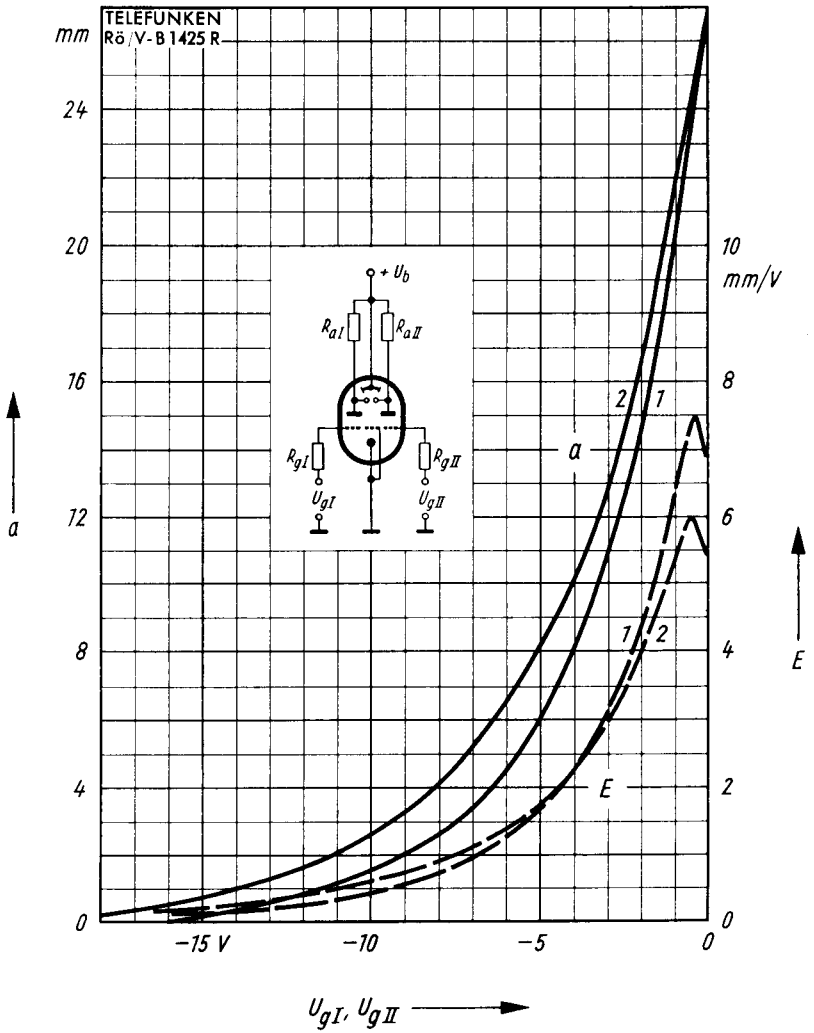
max. Abmessungen
max. dimensions

DIN 41 539, Nenngröße 50 Form A



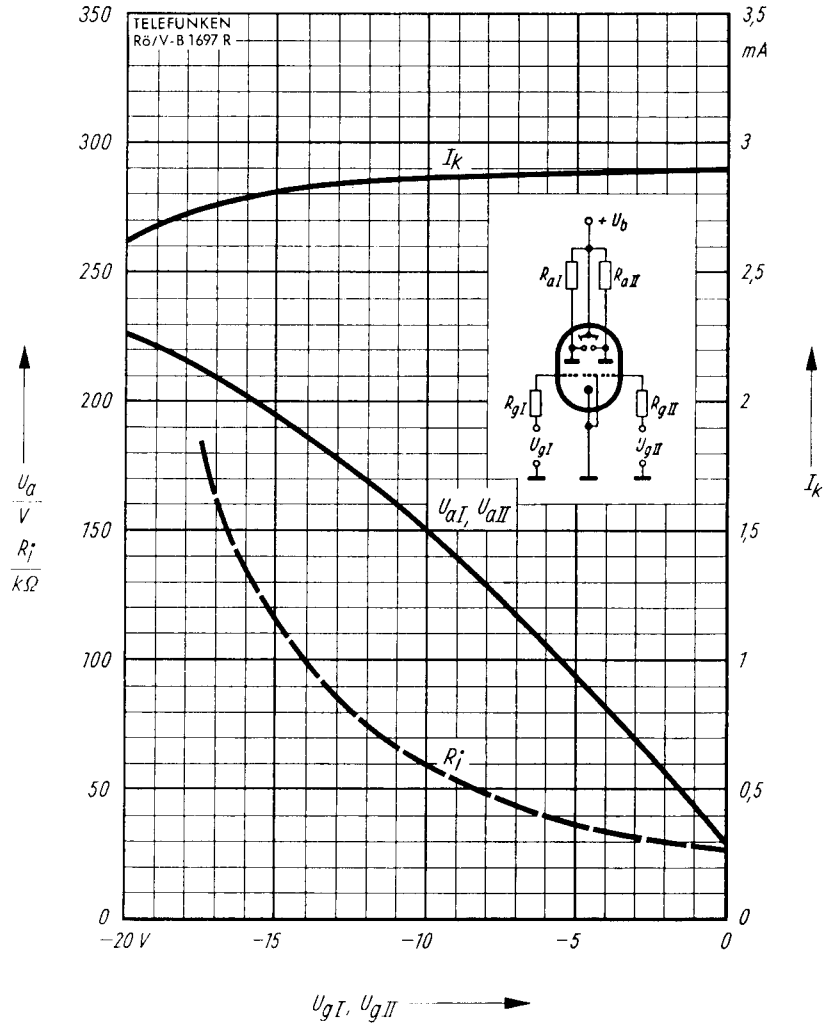
Gewicht · Weight
max. 18 g

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.



E, a = f (U_g)
1. U_b = 200 V
2. U_b = 250 V
$R_{aI} = R_{aII}$ = 400 kΩ
$R_{gI} = R_{gII}$ = 2 MΩ

E = Empfindlichkeit · Sensitivity

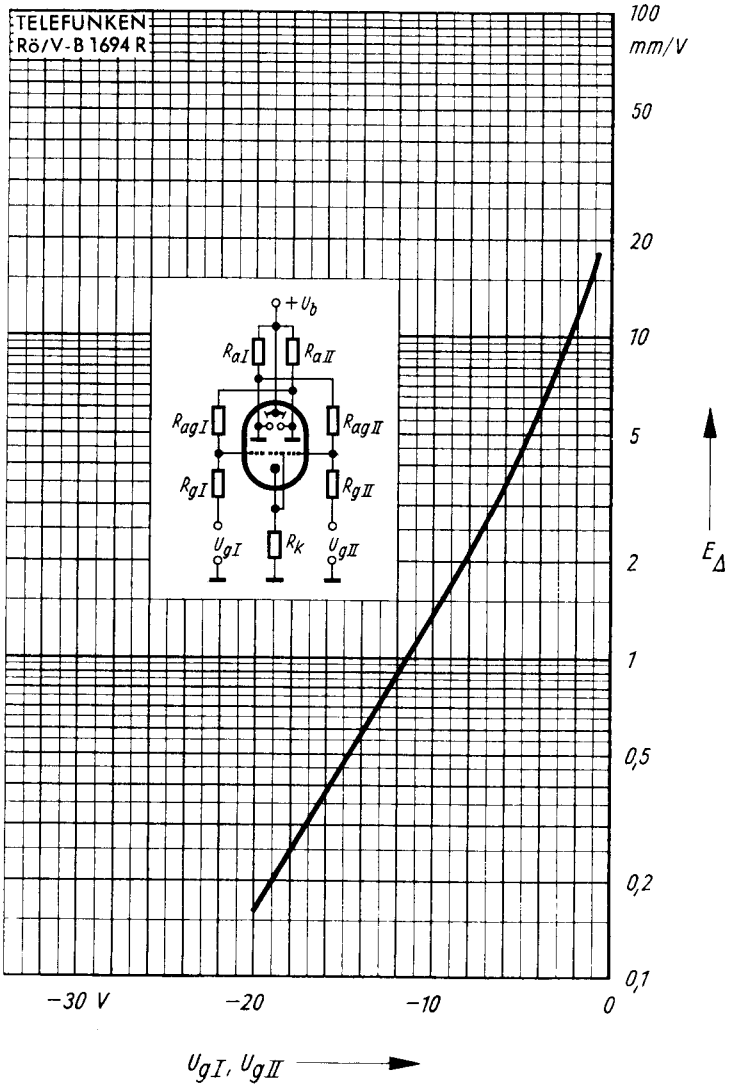


$U_a, R_i, I_k = f(U_{gI}, U_{gII})$

$U_b = 250$ V

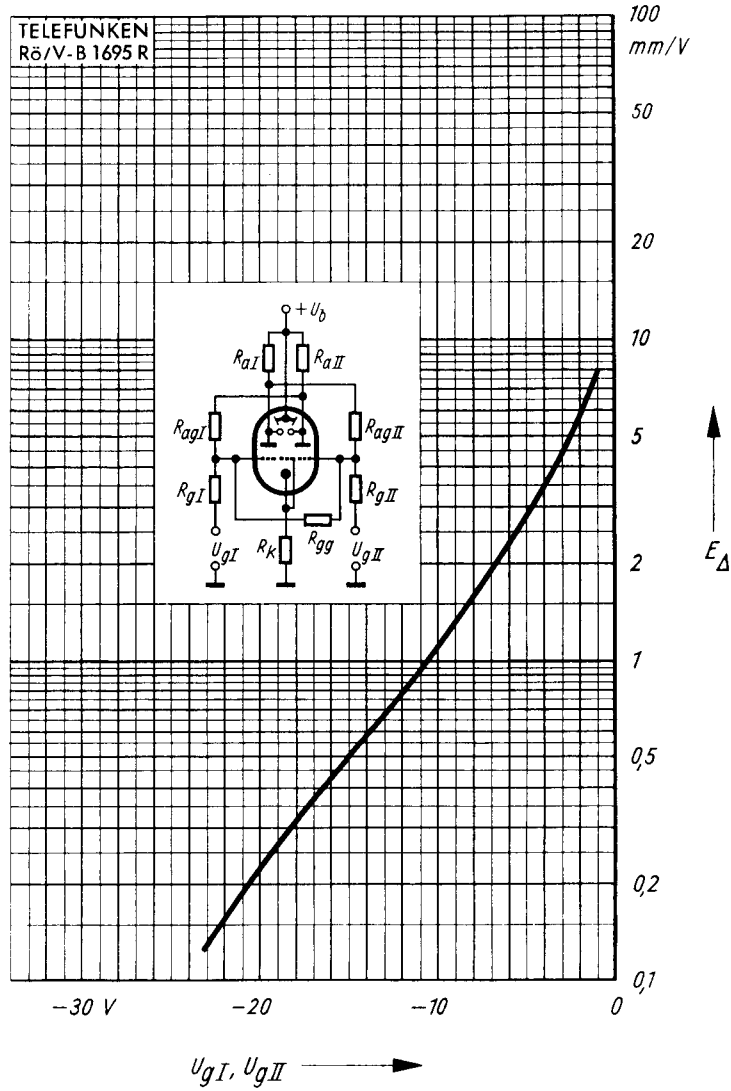
$R_{aI} = R_{aII} = 400$ kΩ

$R_{gI} = R_{gII} = 2$ MΩ

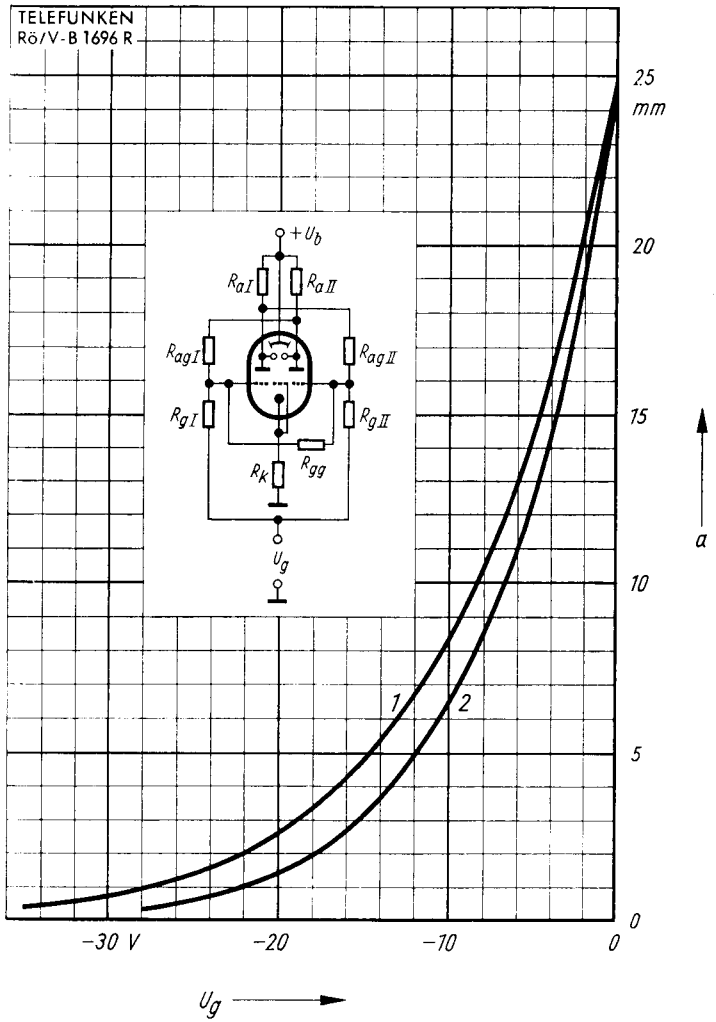


$E\Delta = f(U_{gI}, U_{gII})$
$U_b = 250$ V
$R_{aI} = R_{aII} = 400$ kΩ
$R_{gI} = R_{gII} = 500$ kΩ
$R_{agI} = R_{agII} = 10$ MΩ
$R_K = 500$ Ω

$E\Delta$ = Differenz-Anzeigeempfindlichkeit



$E = f(U_{gI}, U_{gII})$
$U_b = 250$ V
$R_{aI} = R_{aII} = 400$ kΩ
$R_{gI} = R_{gII} = 500$ kΩ
$R_{agI} = R_{agII} = 5$ MΩ
$R_{gg} = 1$ MΩ
$R_k = 1$ kΩ



a = f (U_g)
1. U_b = 250 V
2. U_b = 200 V
$R_{aI} = R_{aII}$ = 400 kΩ
$R_{gI} = R_{gII}$ = 500 kΩ
$R_{agI} = R_{agII}$ = 5 MΩ
R_{gg} = 1 MΩ
R_k = 1 kΩ