

Maße in mm

Fassung:

Preßstoffausführung Rel lp 29 b

Keramikausführung 9 Rel stv 9 a

Gewicht der Röhre:

Netto ..... 70 g

Brutto ..... 120 g

**Heizung**

$U_f = 18 \text{ V}$   
 $I_f \approx 0,24 \text{ A}$   
 Kathode: Oxyd  
 Heizart: indirekt, Parallelspeisung

**Kapazitäten**

$C_e = 10 \text{ pF}$   
 $C_a = 11,5 \text{ pF}$   
 $C_{g1a} < 0,04 \text{ pF}$

**Grenzdaten**

$U_{ak} = \text{max. } 500 \text{ V}$   
 $U_{g2k} = \text{max. } 500 \text{ V}$   
 $U_a = \text{max. } 300 \text{ V}$   
 $U_{g2} = \text{max. } 300 \text{ V}$   
 $Q_a = \text{max. } 4 \text{ W}$   
 $Q_{g2} = \text{max. } 1,5 \text{ W}$   
 $I_k = \text{max. } 45 \text{ mA}$   
 $U_{g1} (I_{g1} = +0,3 \mu\text{A}) = \text{max. } -1,3 \text{ V}$   
 $R_{g1} = \text{max. } 0,5 \text{ M}\Omega$   
 $U_{fk} = \text{max. } 120 \text{ V}$   
 $R_{fk} = \text{max. } 20 \text{ k}\Omega$

**Kenndaten als Pentode**

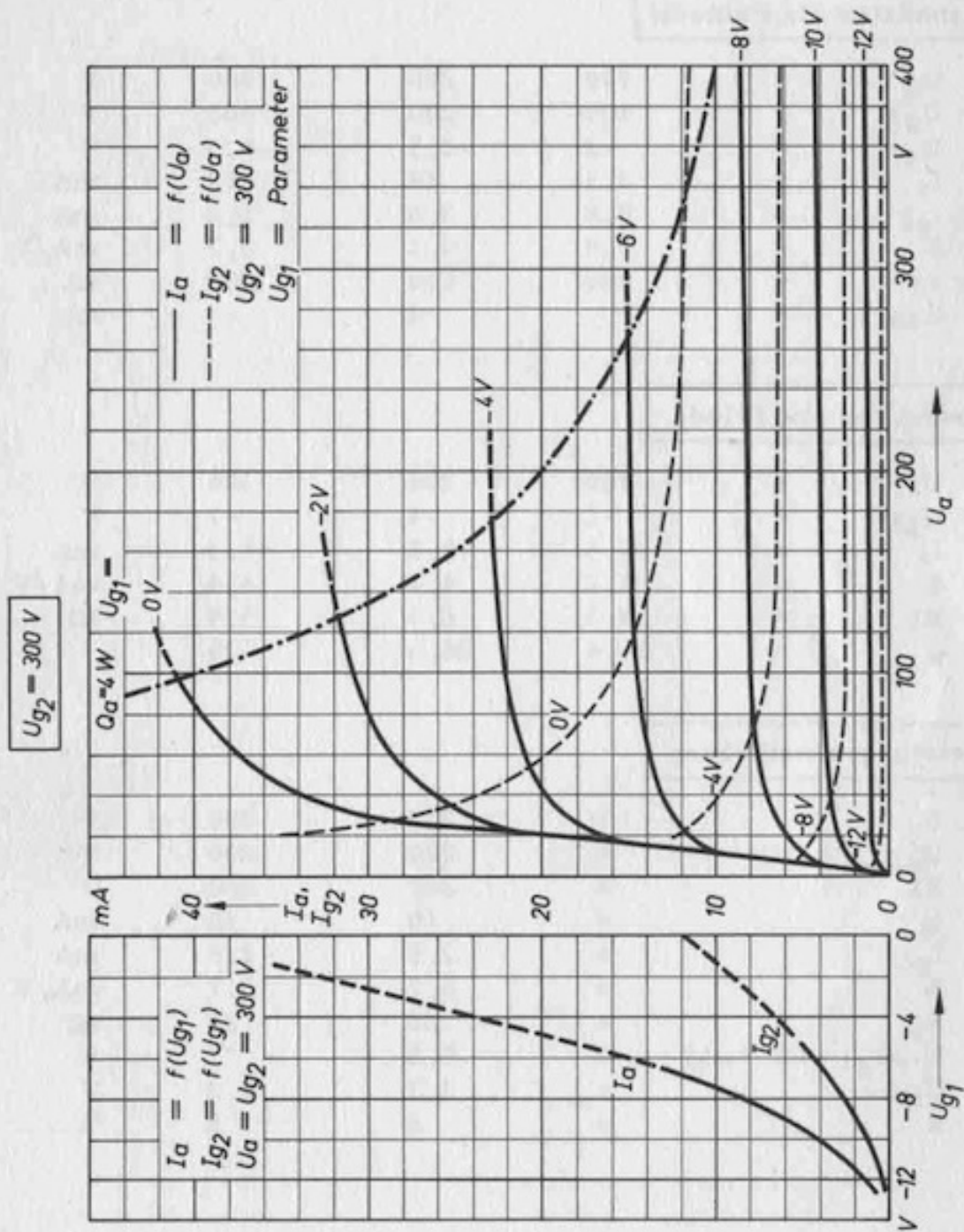
$U_a$	=	100	220	300	V
$U_{g2}$	=	100	200	300	V
$U_{g1}$	=	-2	-2,5	-6,5	V
$I_a$	=	3,5	14	13	mA
$I_{g2}$	=	0,8	3,5	3,2	mA
$S$	=	2,5	4,1	3,7	mA/V
$R_i$	=	900	500	900	k $\Omega$
$R_{gq}$	=		2		k $\Omega$

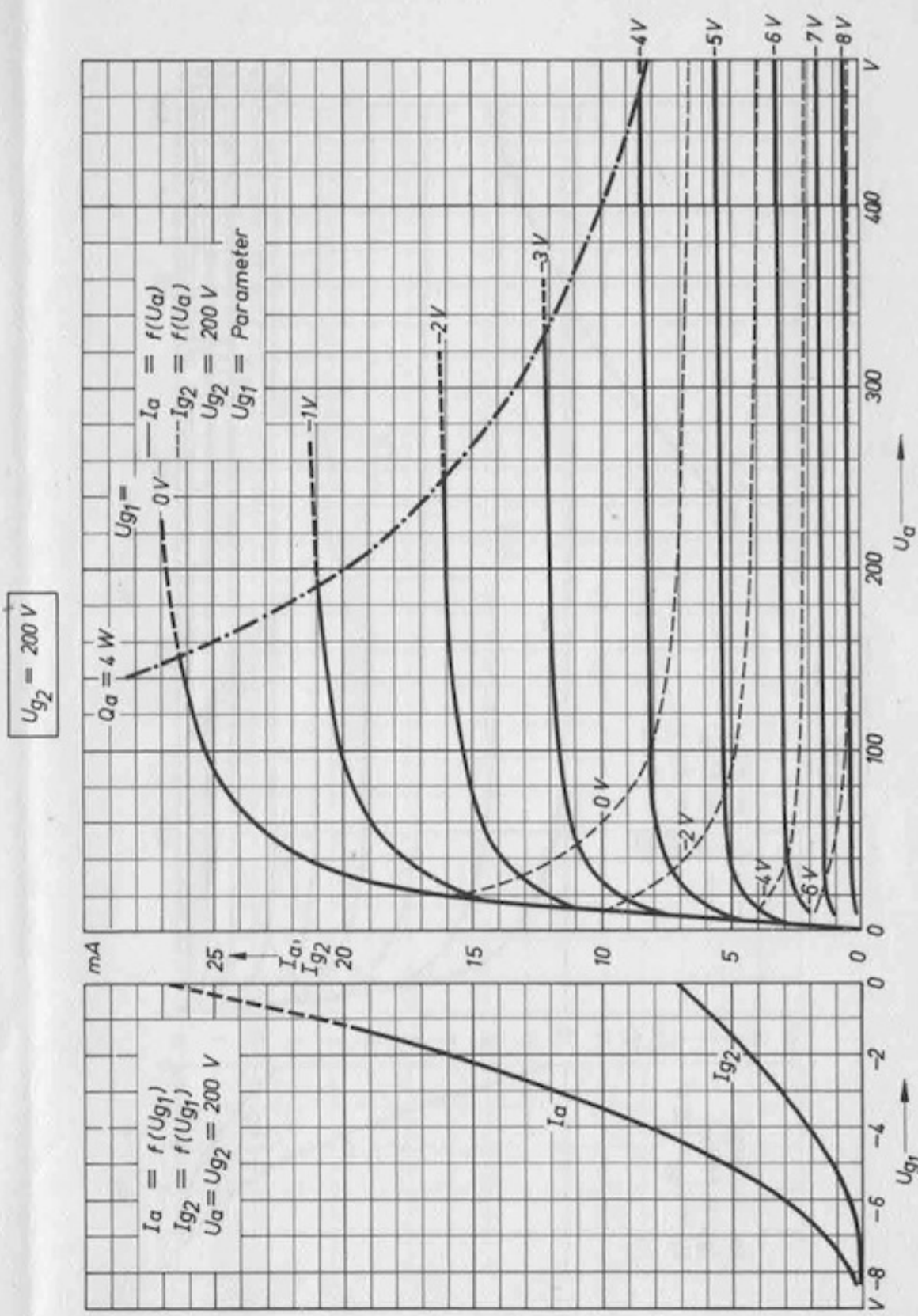
**Kenndaten als Triode**

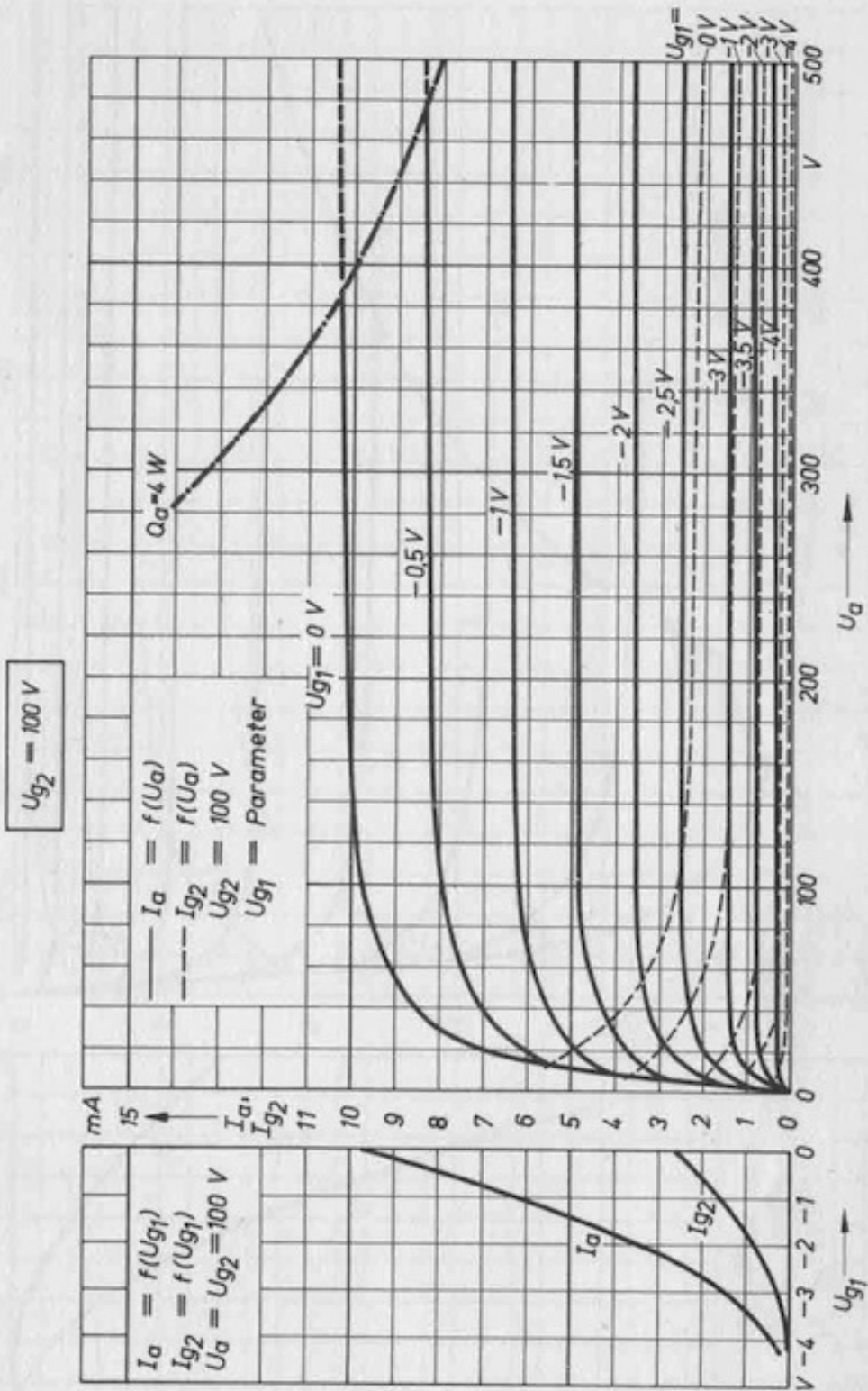
$U_a$	=	100	200	300	V
$U_{g1}$	=	-2	-4	-7	V
$I_a$	=	4,5	10,5	14,5	mA
$S$	=	3,2	4,2	4,4	mA/V
$R_i$	=	8,3	6,3	5,9	k $\Omega$
$\mu$	=	26,4	26,6	26	

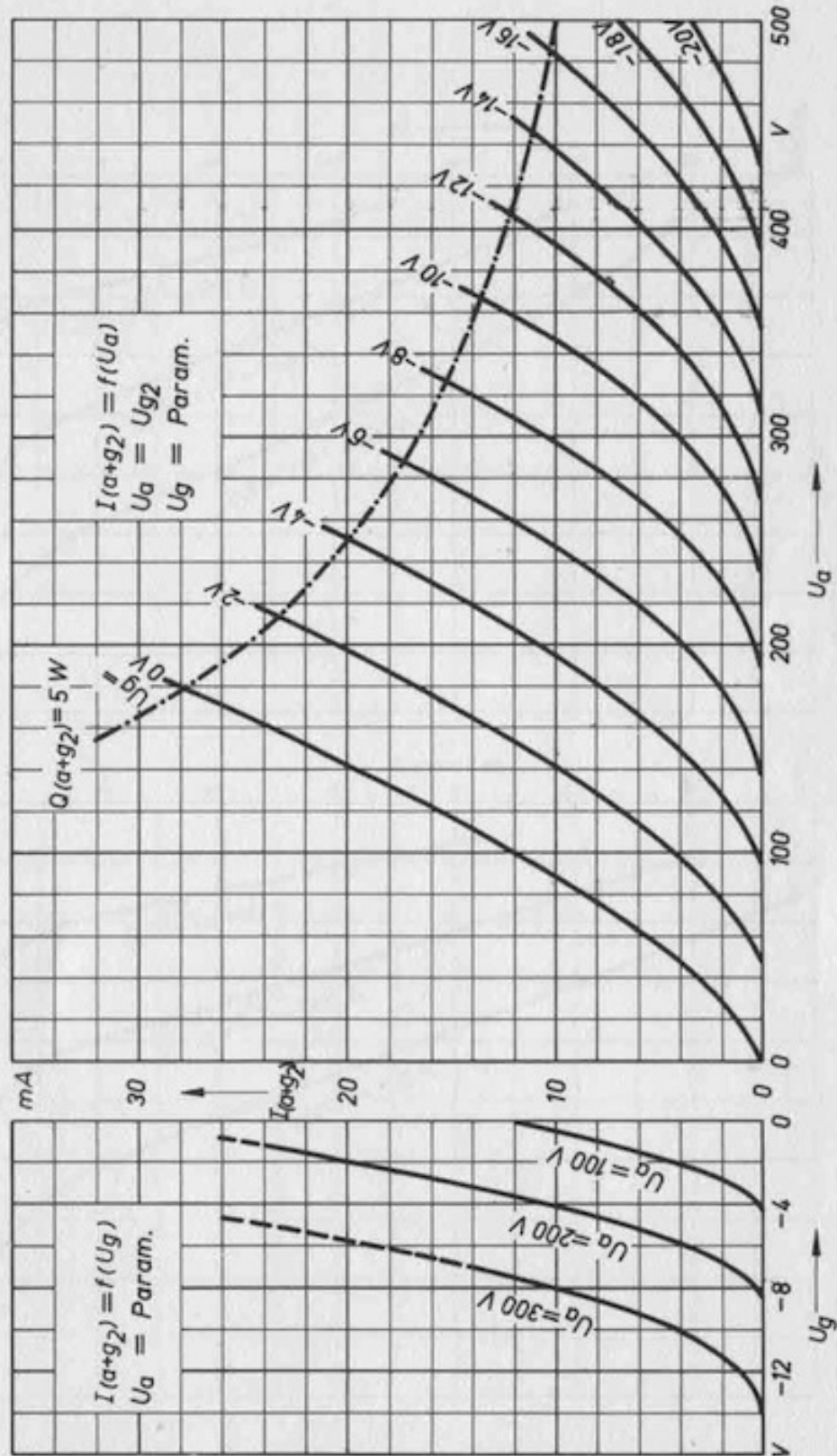
**Leistungsverstärkung**

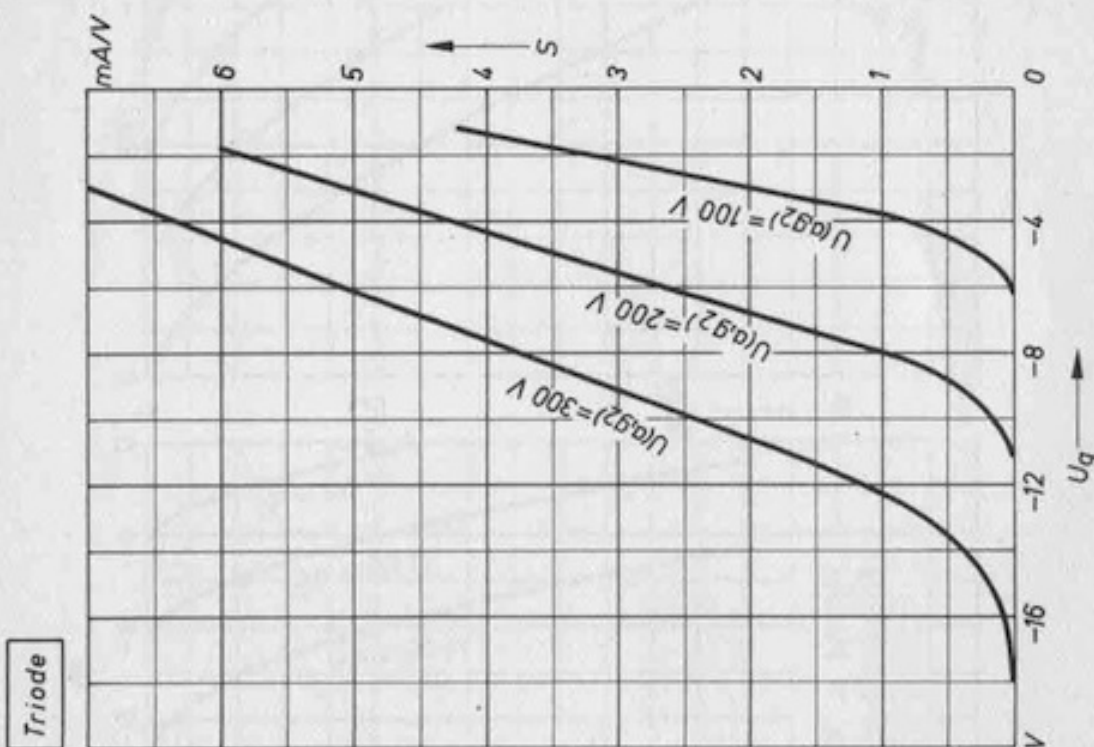
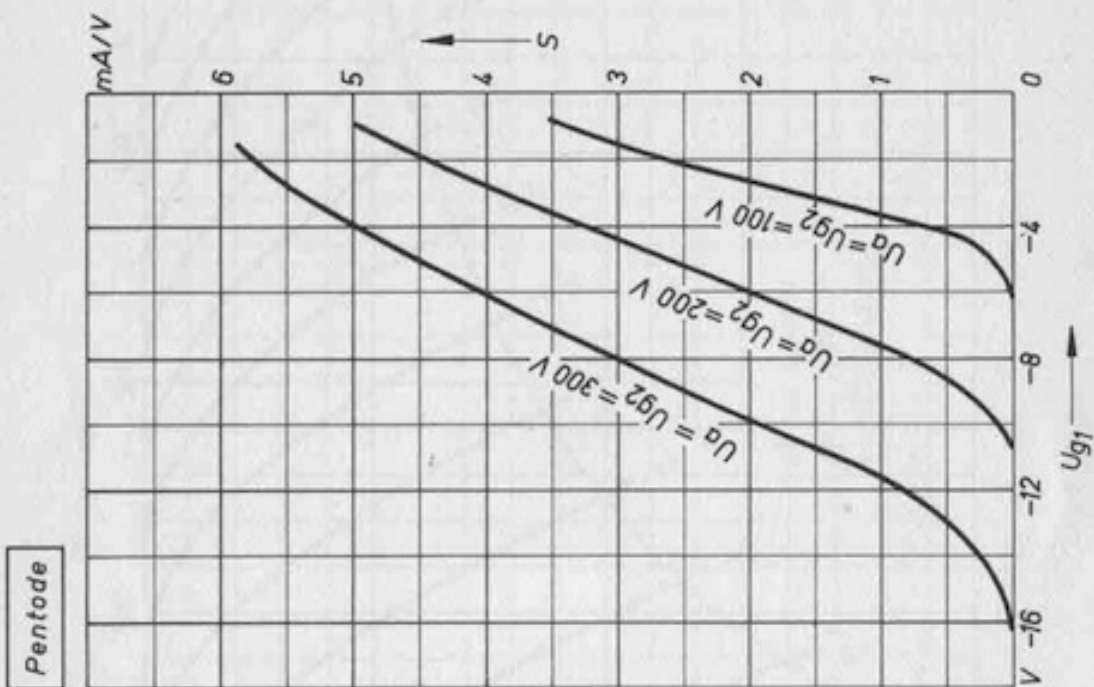
$U_a$	=	220	300	V
$U_{g2}$	=	200	200	V
$R_k$	=	260	260	$\Omega$
$I_a$	=	10	10	mA
$I_{g2}$	=	2,5	2,5	mA
$S$	=	3,7	3,7	mA/V
$R_a$	=	20	25	k $\Omega$
$N_{\sim}(I_{g1} = +0,3 \mu A)$	=	0,8	1	W
$U_{g1\sim}$	=	2,3	2,2	V
$k$	=	8	8	%



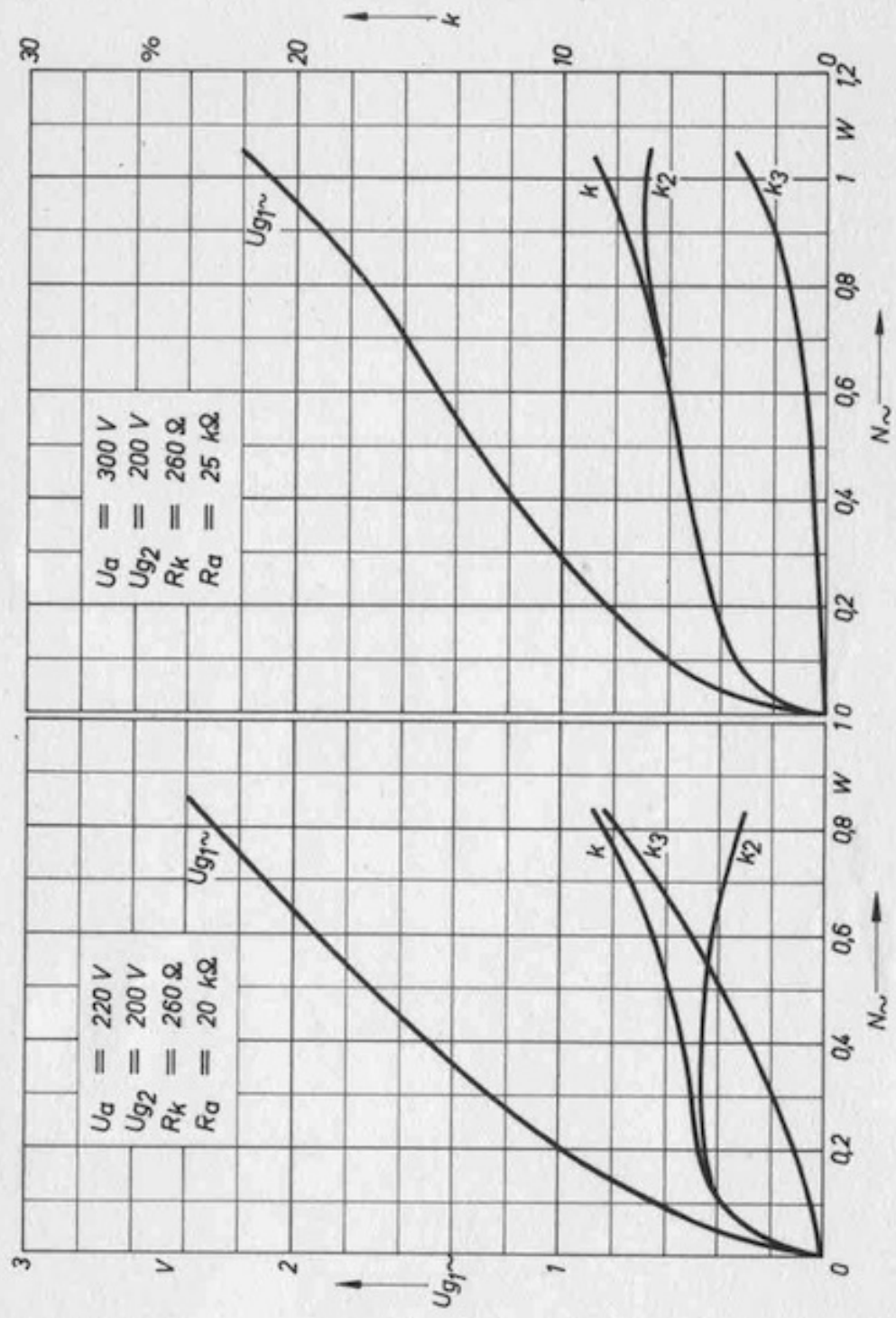












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