

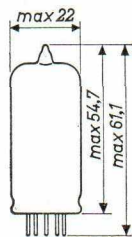
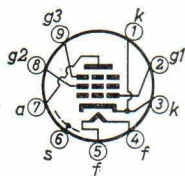
PENTODE WITH VARIABLE MUTUAL CONDUCTANCE for use as I.F. amplifier in television receivers
 PENTHODE A PENTE VARIABLE pour utilisation comme amplificatrice M.F. dans des récepteurs de télévision
 PENTODE MIT VERÄNDERLICHER STEILHEIT zur Verwendung als ZF-Verstärker in Fernsehempfängern

Heating : indirect by A.C. or D.C.; parallel or series supply
 Chauffage: indirect par C.A. ou C.C.; alimentation parallèle ou série
 Heizung : indirekt durch Wechsel- oder Gleichstrom; Serien- oder Parallelspeisung

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

$$I_f = 0,3 \text{ A}$$

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: NOVAL

Capacitances
 Capacités
 Kapazitäten

C_a	=	3 pF
C_{g1}	=	9,5 pF
C_{ag1}	=	max. 0,0055 pF
C_{g1g2}	=	2,8 pF

Typical characteristics
Caractéristiques types
Kenndaten

V_a	=	200 V
V_{g3}	=	0 V
V_{g2}	=	90 V
V_{g1}	=	-2 V
I_a	=	12 mA
I_{g2}	=	4,5 mA
S	=	12,5 mA/V
R_1	=	500 k Ω
r_{g1} ($f = 40$ Mc/s)	=	13 k Ω
R_{eq} ($f = 40$ Mc/s)	=	490 Ω

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

V_a	=	170	200	230	V			
V_{g3}	=	0	0	0	V			
V_{bg2}	=	170	200	230	V			
R_{g2}	=	15	24	39	k Ω			
V_{g1}	=	-1,8	-7,5	-2,0	-9,5	-2,1	-12	V
I_a	=	14	2,7	12	2,7	10,5	2,4	mA
S	=	14	0,7	12,5	0,62	10,6	0,5	mA/V

Remark: Operation with cathode bias resistor and/or screen grid resistor is recommended

Observation: L'utilisation avec résistance cathodique et/ou résistance de grille écran est conseillée

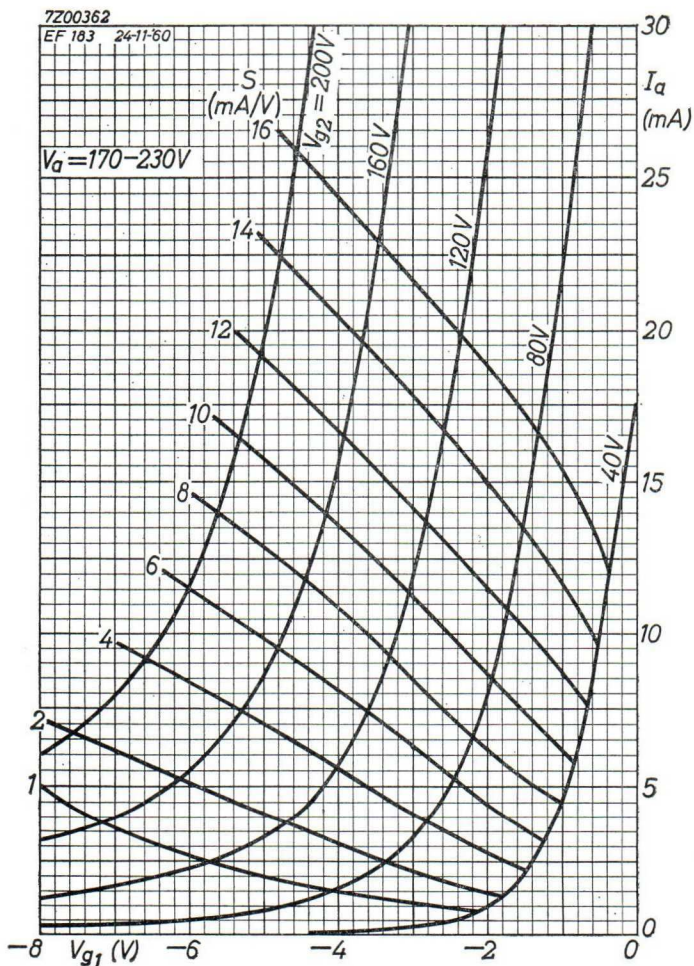
Bemerkung: Betrieb mit Katodenwiderstand und/oder Schirmgitterwiderstand wird empfohlen

Limiting values
Caractéristiques limites
Grenzdaten

V_{a0}	= max.	550 V	$-V_{g1p}$	= max.	50 V
V_a	= max.	250 V	I_k	= max.	20 mA
W_a	= max.	2,5 W	V_{kf}	= max.	150 V
V_{g20}	= max.	550 V	R_{g3}	= max.	50 k Ω
V_{g2}	= max.	250 V	R_{g1}	= max.	1 M Ω
W_{g2}	= max.	0,65 W	$-V_{g1}$ ($I_{g1} = 0,3$ μ A)	= max.	1,3 V

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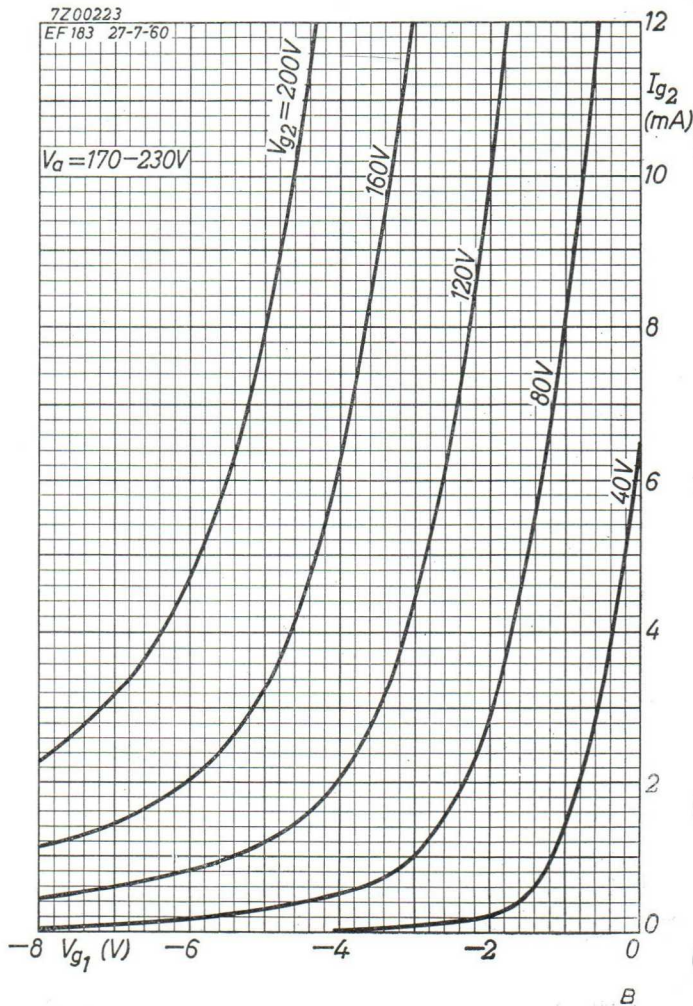
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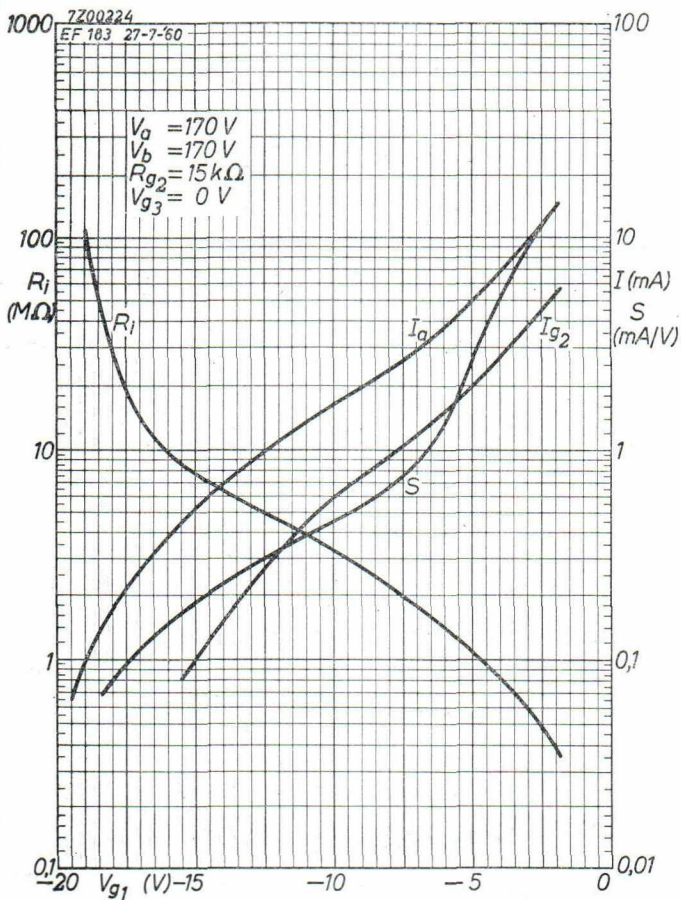
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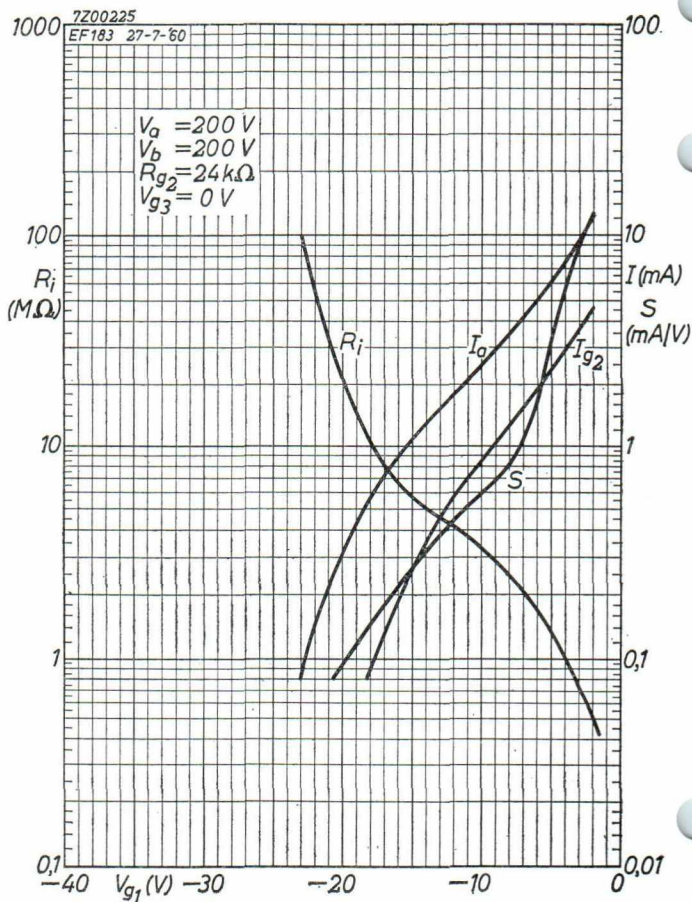
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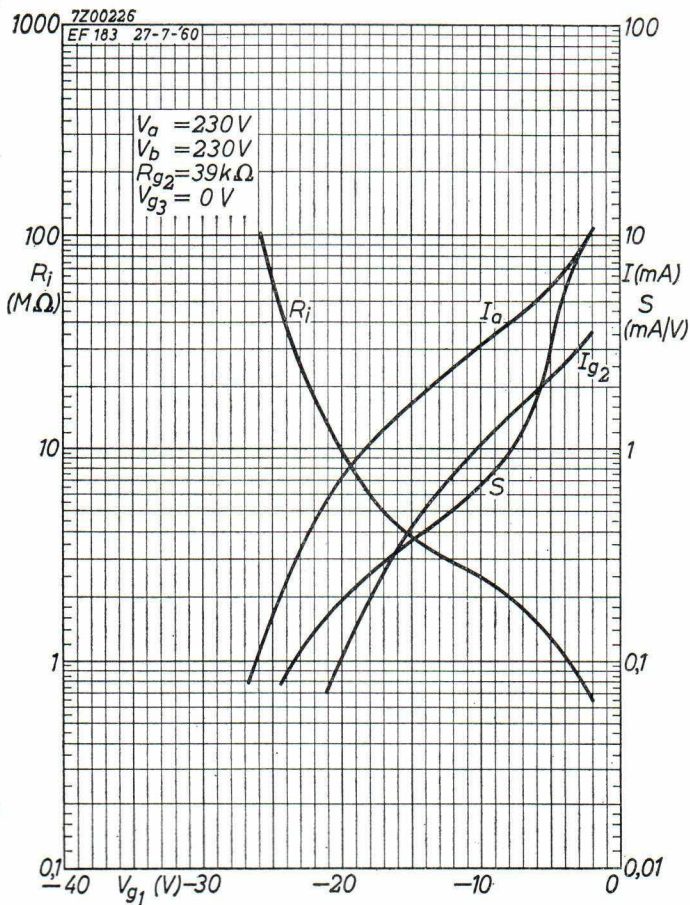




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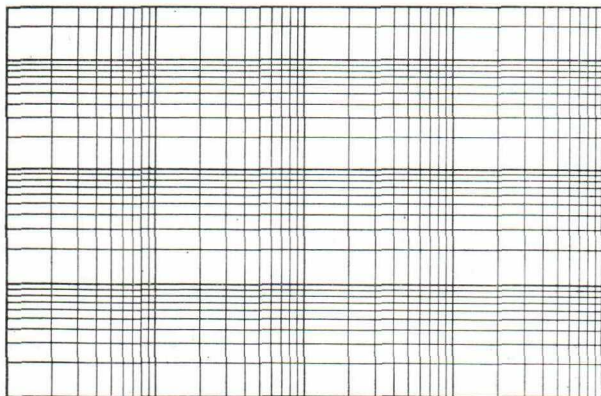
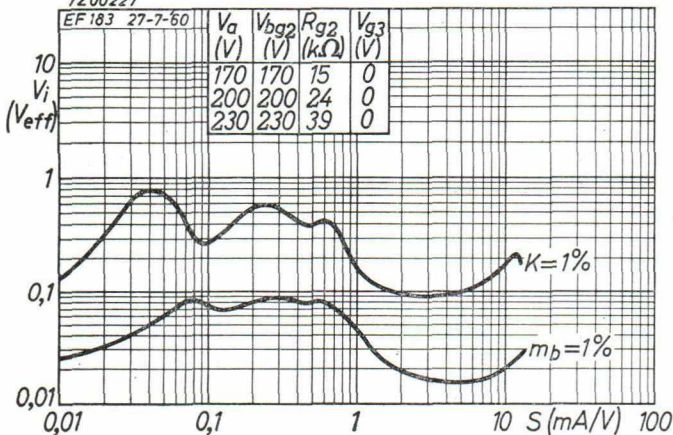
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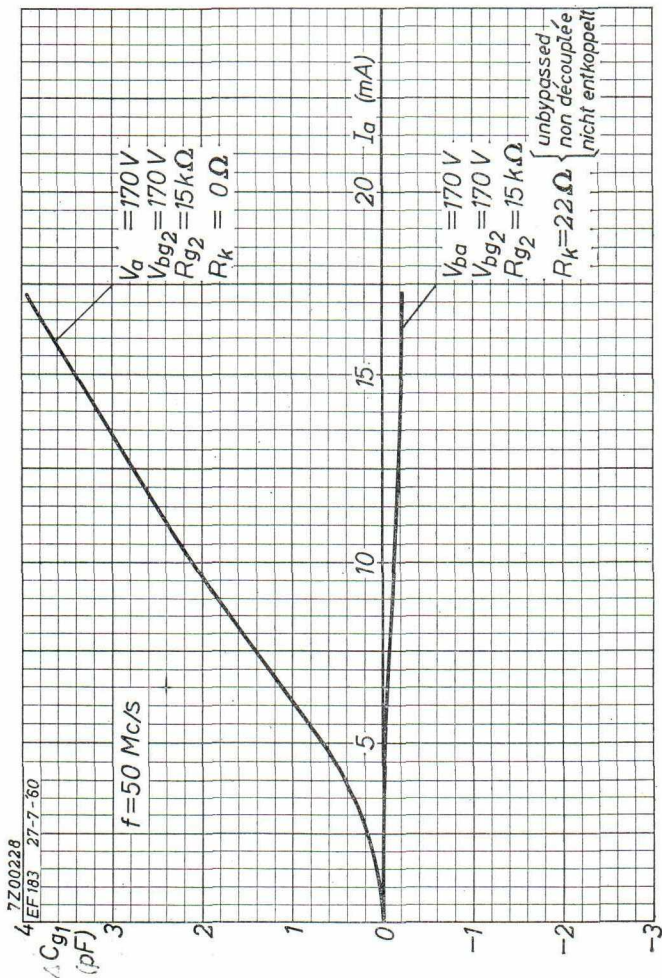
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