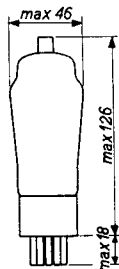
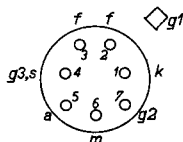
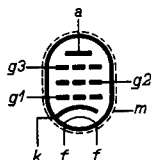


PENTODE for use in telephone equipment
 PENTHODE pour utilisation en équipement téléphonique
 PENTHODE zur Verwendung in Telefon-Anlagen

Heating: indirect by A.C. or D.C.;
 parallel supply
 Chauffage: indirect par C.A. ou C.C.; $V_f = 21 \text{ V}$
 alimentation en parallèle $I_f = 0,285 \text{ A}$
 Heizung: indirekt durch Wechsel-
 oder Gleichstrom;
 Parallelspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Capacities
 Capacités
 Kapazitäten

$C_a = 10,5 \text{ pF}$
 $C_{g1} = 16 \text{ pF}$
 $C_{ag1} < 0,02 \text{ pF}$
 $C_{g1f} < 0,1 \text{ pF}$

Typical characteristics
 Caractéristiques typiques
 Kenndaten

$V_a = 125 \text{ V}$
 $V_{g3} = 0 \text{ V}$
 $V_{g2} = 125 \text{ V}$
 $R_k = 200 \Omega$
 $I_a = 8 \text{ mA}$
 $I_{g2} = 2,5 \text{ mA}$
 $S = 8,3 \text{ mA/V}$
 $\mu_{g2g1} = 42 -$
 $R_i = 350 \text{ k}\Omega$
 $R_{eq} (\text{H.F.}) = \text{max. } 1 \text{ k}\Omega$
 $R_{eq} (\text{L.F.; B.F.; N.F.}) = \text{max. } 10 \text{ k}\Omega$

Operating conditions for use as pre-amplifier
 Caractéristiques d'utilisation comme préamplificatrice
 Betriebsdaten zur Verwendung als Vorverstärker

V_a	= 125 V	I_{g2}	= 1,3 mA
V_{g3}	= 0 V	S	= 5,5 mA/V
V_{g2}	= 125 V	R_i	= 550 k Ω
R_k	= 440 Ω	V_o	= 4,35 N
R_a	= 16 k Ω	V_i	
I_a	= 4,5 mA	R_{g1}	= max. 1 M Ω
R_{g1}	(with fixed grid bias) (à polarisation fixe) (bei fester Gittervorsp.)		
			= max. 0,5 M Ω

Operating conditions for use as output valve
 Caractéristiques d'utilisation comme tube de sortie
 Betriebsdaten zur Verwendung als Endröhre

V_a	= 125 V	I_{g2}	= 2,5 mA
V_{g3}	= 0 V	S	= 8,3 mA/V
V_{g2}	= 125 V	R_i	= 350 k Ω
R_k	= 200 Ω	W_o	= 0,1 W
R_a	= 30 k Ω	d_{tot}	< 5 %
I_a	= 8 mA	R_{g1}	= max. 0,3 M Ω
R_{g1}	(with fixed grid bias) (à polarisation fixe) (bei fester Gittervorsp.)		
			= max. 0,15 M Ω

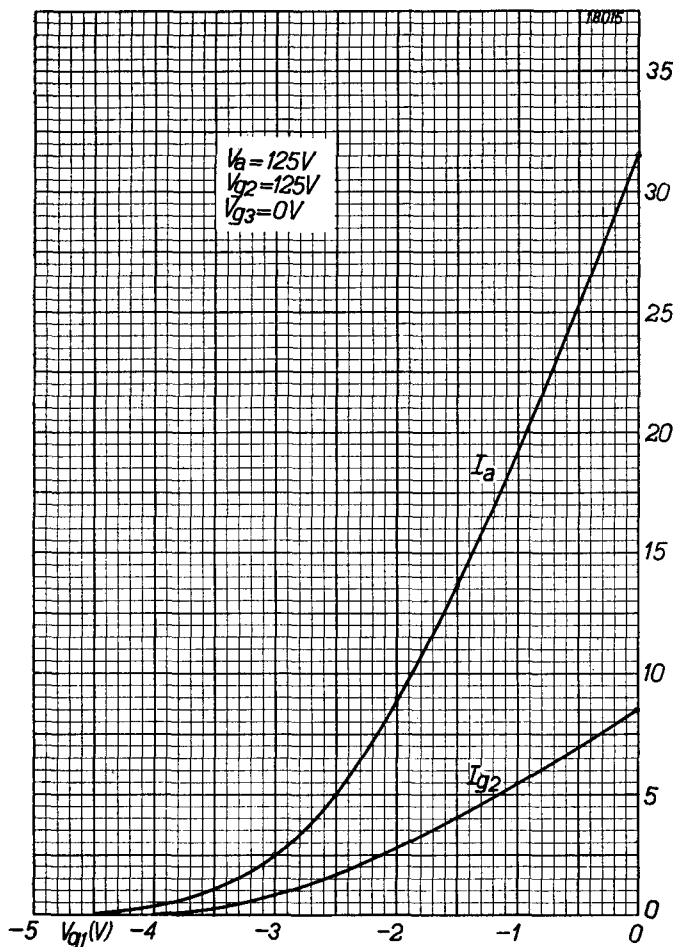
Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a_o}	= max. 300 V
V_a	= max. 150 V
W_a	= max. 1,2 W
V_{g2_o}	= max. 300 V
V_{g2}	= max. 150 V
W_{g2}	= max. 0,4 W
I_k	= max. 13 mA
V_{g1} ($I_{g1} = +0,3 \mu A$)	= max. -1,3 V
V_{fk}	= max. 50 V
R_{fk}	= max. 20 k Ω

"Miniwatt"

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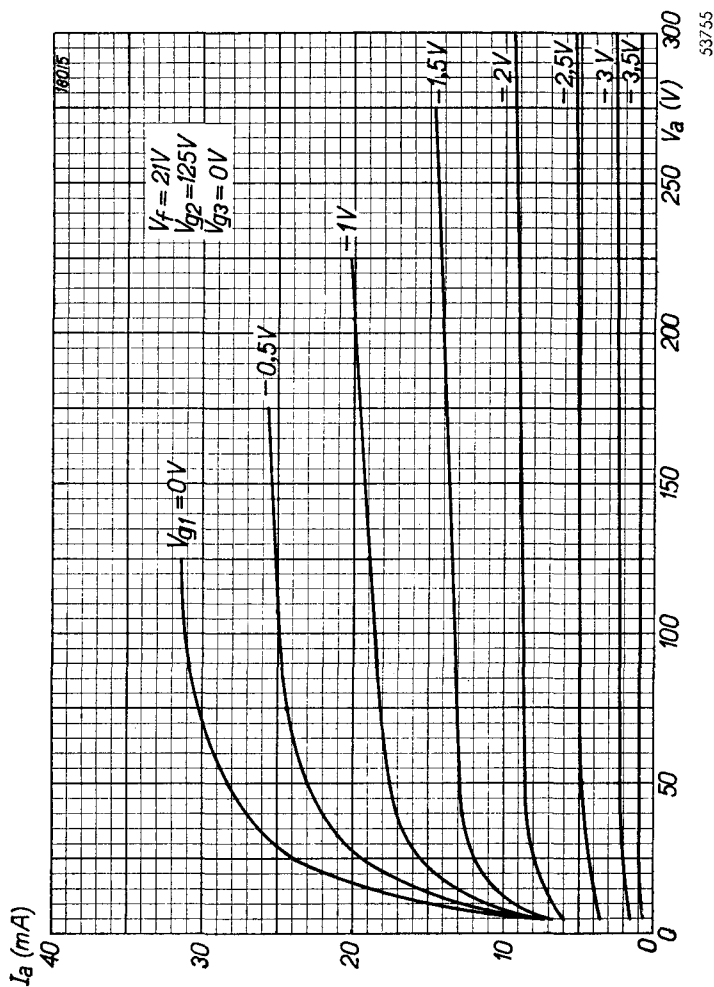


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page	sheet	date
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2	2	1948.09.16
3	3	1958.05.01
4	4	1958.05.01
5	FP	1999.08.14