

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

Heating : indirect by A.C. or D.C.
parallel supply

Chauffage: indirect par C.A. ou C.C.
alimentation parallèle

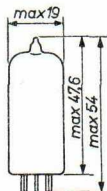
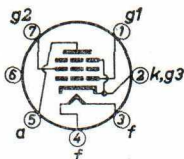
Heizung : indirekt durch Wechsel-
oder Gleichstrom; Paral-
lelspeisung

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

$$I_f = 200 \text{ mA}$$

$$T_h = 12 \text{ sec}$$

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: MINIATURE

Capacitances
Capacités
Kapazitäten

	1)	2)
C_{g1}	= 4,0	6,6 pF
C_a	= 3,75	4,0 pF
C_{ag1}	< 0,25	0,25 pF

Typical characteristics
Caractéristiques types
Kenndaten

V_a	=	250 V
V_{g2}	=	250 V
I_a	=	16 mA
I_{g2}	=	2,4 mA
S	=	2,6 mA/V
μ_{g2g1}	=	12
R_1	=	130

¹⁾ Without external shield
Sans blindage extérieur
Ohne äussere Abschirmung

²⁾ With external shield
Avec blindage extérieur
Mit äusserer Abschirmung

Operating characteristics, class A
 Caractéristiques d'utilisation, classe A
 Betriebsdaten, Klasse A

V_a	=	250 V
V_{g2}	=	250 V
R_k	=	740 Ω
I_a	=	16 mA
I_{g2}	=	2,4 mA
R_a	=	16 k Ω
V_1 ($d_{tot} = 10\%$)	=	5,3 V_{eff}
W_0 ($d_{tot} = 10\%$)	=	1,4 W

Operating characteristics class AB, two tubes
 Caractéristiques d'utilisation classe AB, deux tubes
 Betriebsdaten Klasse AB, zwei Röhren

V_a	=	250	V
V_{g2}	=	250	V
R_k	=	600	$\Omega^1)$
R_{a2}	=	24	k Ω
V_1	=	0	12 V_{eff}
I_a	=	2x11	2x12,8 mA
I_{g2}	=	2x1,6	2x4,1 mA
W_0	=	0	4 W
d_{tot}	=	-	3,2 %

Operating characteristics class B, two tubes
 Caractéristiques d'utilisation classe B, deux tubes
 Betriebsdaten Klasse B, zwei Röhren

V_a	=	250	V
V_{g2}	=	250	V
V_{g1}	=	-19	V
R_{a2}	=	20	k Ω
V_1	=	0	13 V_{eff}
I_a	=	2x5	2x16 mA
I_{g2}	=	2x0,65	2x4,5 mA
W_0	=	0	4,8 W
d_{tot}	=	-	3,3 %

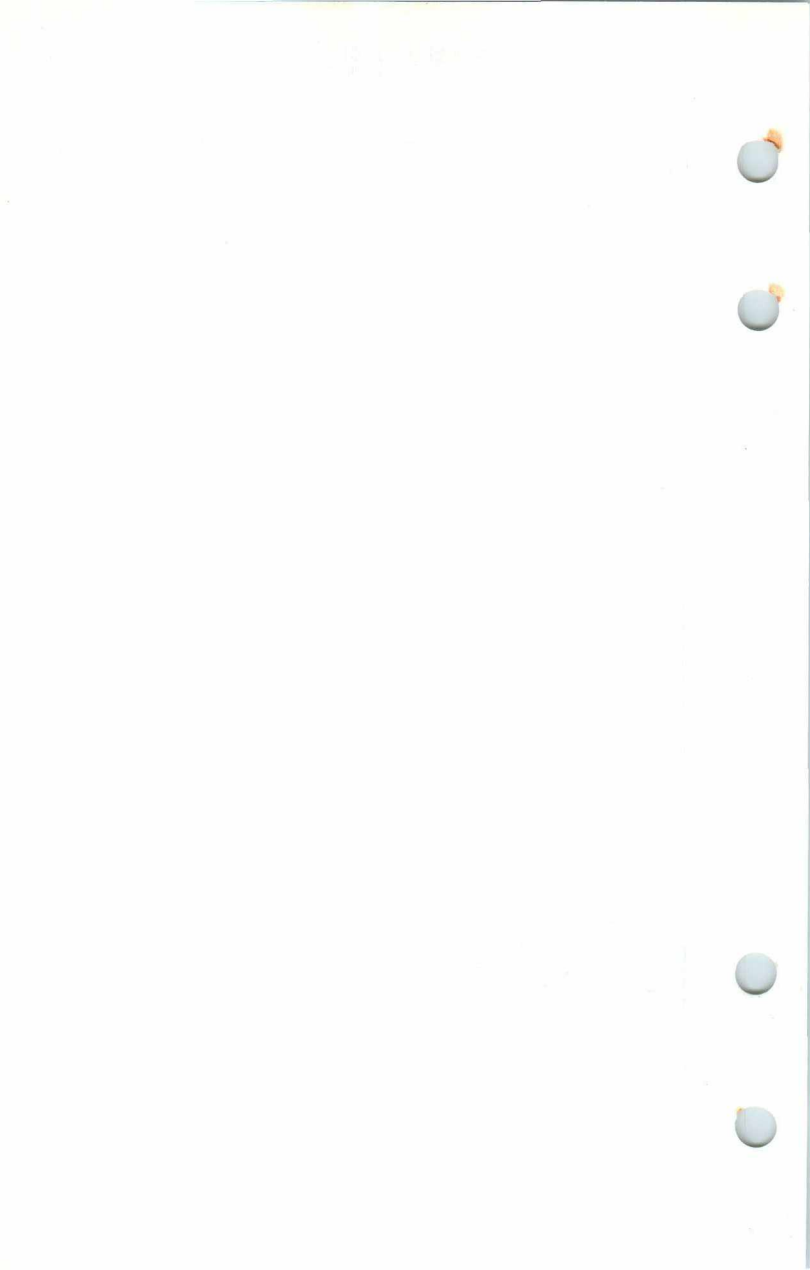
¹⁾ See page 3; voir page 3; siehe Seite 3

Limiting values
Caractéristiques limites
Grenzdaten

V_{ba}	= max. 550 V
V_a	= max. 250 V
W_a	= max. 4 W
V_{bg2}	= max. 550 V
V_{g2}	= max. 250 V
W_{g2}	= max. 0,6 W
I_k	= max. 25 mA
V_{kf} (k pos.; f neg.)	= max. 150 V
R_{g1}	= max. 0,7 M Ω^2)

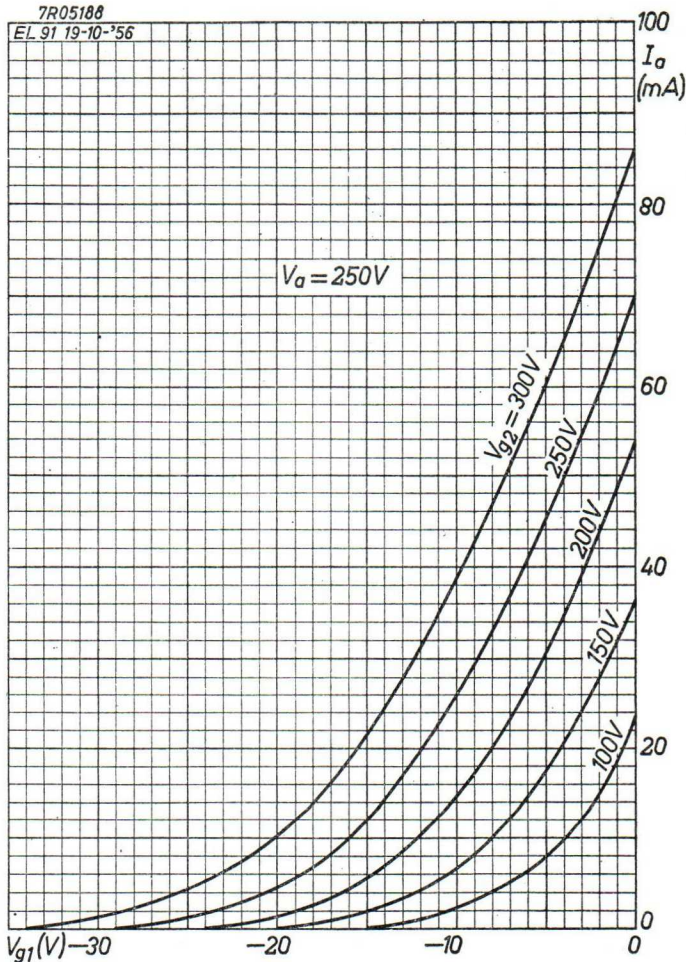
¹) Common cathode bias resistor
Résistance cathodique commune
Gemeinsamer Katodenwiderstand

²) With automatic grid bias
Avec polarisation automatique
Mit automatischer Gittervorspannung



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10.10.1956

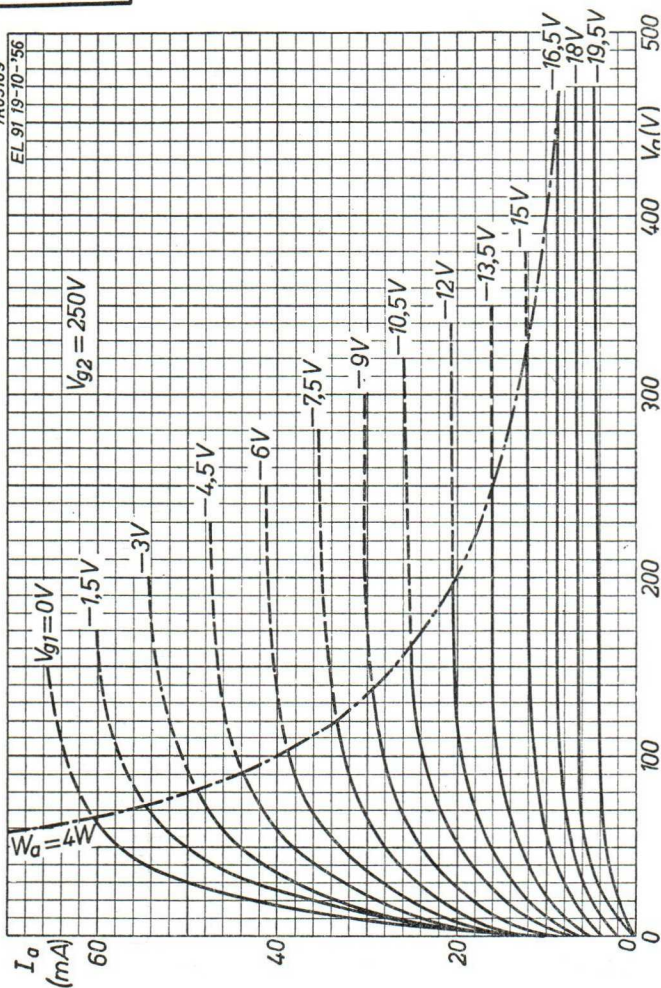
A

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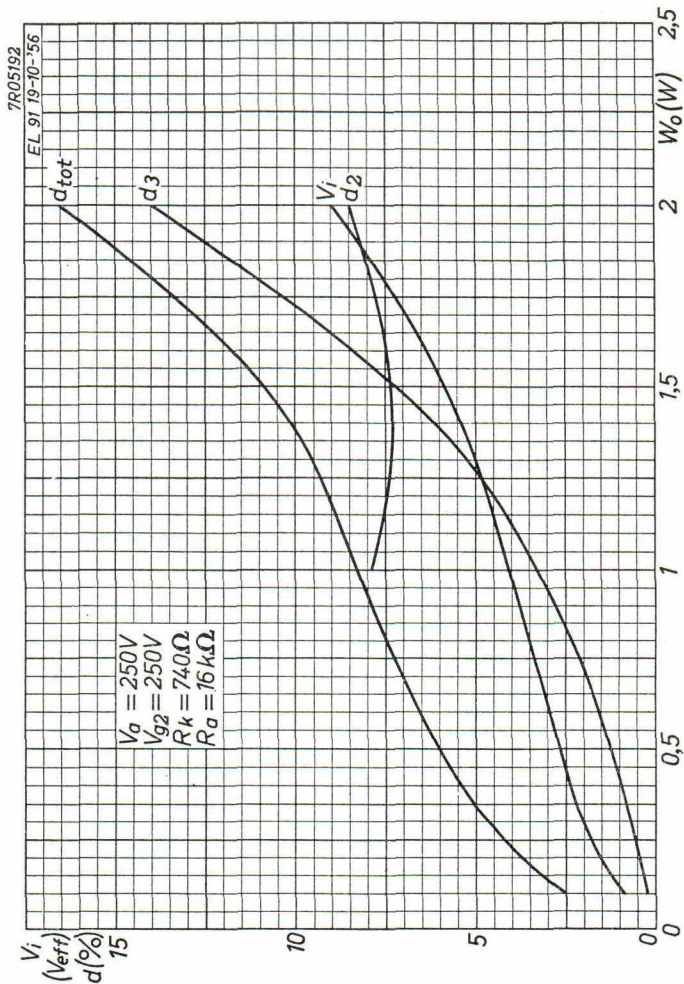
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B



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