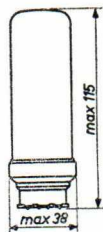
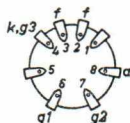
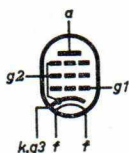


OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

Heating : indirect; parallel supply $V_f = 6,3 \text{ V}$
 Chauffage: indirect; alimentation- parallèle $I_f = 1,5 \text{ A}$
 Heizung : indirect; Parallelspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: P

Capacitances $C_a = 13,5 \text{ pF}$

Capacités $C_{g1} = 18,5 \text{ pF}$

Kapazitäten

$C_{ag1} < 0,7 \text{ pF}$

$C_{g1f} = 1,5 \text{ pF}$

$C_{kf} = 8,5 \text{ pF}$

Operating characteristics class A

Caractéristiques d'utilisation classe A

Betriebsdaten Klasse A

V_a	=	250 V
V_{g2}	=	250 V
R_k	=	90 Ω
I_a	=	72 mA
I_{g2}	=	8 mA
S	=	14,5 mA/V
μ_{g2g1}	=	20 -
R_i	=	20 k Ω
$R_{a\sim}$	=	3,5 k Ω
$V_i(I_{g1}=+0,3\mu A)$	=	5,3 Veff
$W_o(I_{g1}=+0,3\mu A)$	=	8 W
$dt_{ot}(I_{g1}=+0,3\mu A)$	=	10 %
$V_i(W_o = 50 \text{ mW})$	=	0,3 Veff

Operating characteristics class AB
 Caractéristiques d'utilisation classe AB
 Betriebsdaten Klasse AB

$R_{aa\sim}$	=	8	6	k Ω
R_{g2}	=	2,2	0,7	k Ω
R_k	=	170	125	Ω
V_i	=	0	17	V_{eff}
V_{ba}	=	425	375	V
$V_a + V_{Rk}$	=	405	355	V
V_{bg2}	=	425	375	V
I_a	=	2x46	2x52	2x64 mA
I_{g2}	=	2x5	2x6,5	2x16,5 mA
W_o	=	0	0	27,5 W
dt_{tot}	=	-	5	4 %

Operating characteristics class AB in triode connection (g_2 connected to anode)
 Caractéristiques d'utilisation classe AB en connexion triode (g_2 reliée à l'anode)
 Betriebsdaten Klasse AB in Triodenschaltung (g_2 verbunden mit Anode)

V_b	=	400	V
R_k	=	175	Ω
$R_{aa\sim}$	=	5,5	k Ω
V_i	=	0	13,5 V_{eff}
I_a	=	2x48	2x54 mA
W_o	=	0	13 W
dt_{tot}	=	-	1,5 %

Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a_o}	= max. 800 V	$W_{g2}(V_i=0)$	= max. 2 W
V_a	= max. 425 V	$W_{g2}(W_o=\max.)$	= max. 5 W
W_a	= max. 18 W	$V_{g1}(I_{g1}=+0,3\mu A)$	= max. -1,3 V
V_{g2_o}	= max. 650 V	$R_{g1}(A, AB)$	= max. 0,7 M Ω
V_{g2}	= max. 425 V	$R_{g1}(B)$	= max. 0,5 M Ω
I_k	= max. 90 mA	V_{kf}	= max. 50 V
		R_{kf}	= max. 20 k Ω