

SECONDARY EMISSION TETRODE for use as wide band amplifier and phase inverter
 TETRODE A EMISSION SECUNDAIRE pour utilisation comme amplificatrice à large bande et tube inverseur de phase
 SEKUNDÄREMISSIONSTETRODE zur Verwendung als Breitbandverstärker und Phasenumkehrrohre

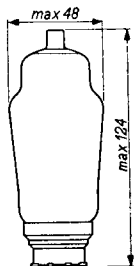
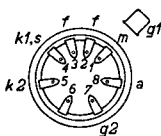
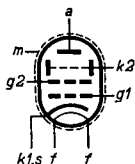
Heating: indirect by A.C. or D.C.;
 parallel supply

Chauffage: indirect par C.A. ou C.C.;

Heizung: indirekt durch Wechsel-
 oder Gleichstrom;
 Parallelspeisung

$V_f = 6,3 \text{ V}$
 $I_f = 0,6 \text{ A}$

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Capacitances
 Capacités
 Kapazitäten

$C_a = 7,5 \text{ pF}$
 $C_{g1} = 10,6 \text{ pF}$
 $C_{ag1} < 0,006 \text{ pF}$
 $C_{k2g1} < 0,001 \text{ pF}$
 $C_{g1f} < 0,05 \text{ pF}$

Typical characteristics
 Caractéristiques typiques
 Kenndaten

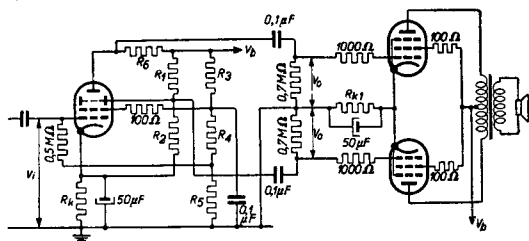
V_a	=	250 V
V_{k2}	=	150 V
V_{g2}	=	150 V
V_{g1}	=	-2,5 V
I_a	=	8 mA
I_{k2}	=	-6,5 mA
I_{g2}	=	0,45 mA
S	=	17 mA/V
$\mu g2g1$	=	65 -
R_1	=	50 k Ω

Operating conditions for use as a driver of push-pull stages

Caractéristiques d'utilisation comme tube de commande d'étages push-pull

Betriebsdaten zur Verwendung als Steuerröhre von Gegentaktstufen

V_b	=	400	500	V
R_1	=	208	208	k Ω
R_2	=	29	29	k Ω
R_3	=	85	105	k Ω
R_4	=	30	30	k Ω
R_5	=	9	9	k Ω
R_6	=	26	26	k Ω
R_k	=	6,9	6	k Ω
V_o	=	10 30	10 30	V_{eff}
V_1	=	34 114	31 96	mV $_{eff}$
d_{tot}	=	1,4 4,6	0,9 3,2	%



Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a_0}	= max.	700 V
V_a	= max.	400 V
W_a	= max.	2 W
V_{k2_0}	= max.	400 V
V_{k2}	= max.	200 V
W_{k2}	= max.	2 W
V_{g2_0}	= max.	400 V
V_{g2}	= max.	150 V
W_{g2}	= max.	0,1 W
I_{k1}	= max.	10 mA
V_{g1} ($I_{g1} = +0,3 \mu A$)	= max.	-1,3 V
R_{g1}	= max.	0,7 M Ω
V_{fk1}	= max.	50 V
R_{fk1}	= max.	20 k Ω

PHILIPS



*Electronic
Tube*

HANDBOOK

page	EEP1 sheet	date
1	1	1949.01.05
2	2	1949.01.05
3	3	1948.09.14
4	FP	1999.06.26