PHILIPS

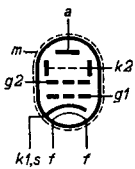
EEP 1

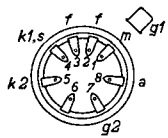
SECONDARY EMISSION TETRODE for use as wide band amplifier and phase inverter
TETRODE A EMISSION SECUNDAIRE pour utilisation comme amplificatrice à large bande et tube inverseur de phase
SEKUNDÄREMISSIONSTETRODE zur Verwendung als Breitbandverstärker und Phasenumkehrröhre

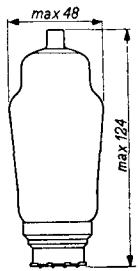
Heating: indirect by A.C. or D.C.; parallel supply
Chauffage: indirect par C.A. ou C.C.; alimentation en parallèle
Heizung: indirekt durch Wechsel- oder Gleichstrom; Parallelspeisung

Vf = 6,3 V
If = 0,6 A

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Capacitances
Capacités
Kapazitäten

Ca	=	7,5 pF
Cg1	=	10,6 pF
Cag1	<	0,006 pF
Ck2g1	<	0,001 pF
Cg1f	<	0,05 pF

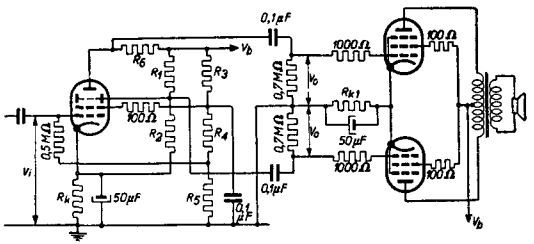
PHILIPS

Typical characteristics
Caractéristiques typiques
Kenndaten

Va	=	250	V
Vk2	=	150	V
Vg2	=	150	V
Vg1	=	-2,5	V
Ia	=	8	mA
Ik2	=	-6,5	mA
Ig2	=	0,45	mA
S	=	17	mA/V
μg2g1	=	65	-
Ri	=	50	kΩ

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

Vb	=	400		500		V
R1	=	208		208		kΩ
R2	=	29		29		kΩ
R3	=	85		105		kΩ
R4	=	30		30		kΩ
R5	=	9		9		kΩ
R6	=	26		26		kΩ
Rk	=	6,9		6		kΩ
Vo	=	10	30	10	30	V_{eff}
Vi	=	34	114	31	96	mV_{eff}
d_{tot}	=	1,4	4,6	0,9	3,2	%



Limiting values
Caractéristiques limites
Grenzdaten

Va_o	= max.	700	V
Va	= max.	400	V
Wa	= max.	2	W
$Vk2_o$	= max.	400	V
Vk2	= max.	200	V
Wk2	= max.	2	W
$Vg2_o$	= max.	400	V
Vg2	= max.	150	V
Wg2	= max.	0,1	W
Ik1	= max.	10	mA
Vg1 (Ig1 = +0,3 μA)	= max.	-1,3	V
Rg1	= max.	0,7	MΩ
Vfk1	= max.	50	V
Rfk1	= max.	20	kΩ

PHILIPS

Electronic Tube HANDBOOK

EEP1

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