

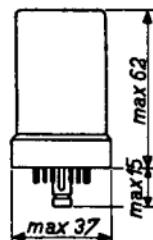
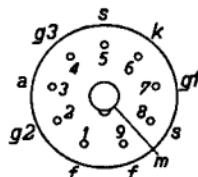
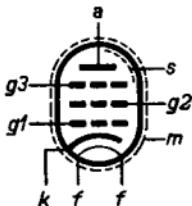
PENTODE for use as wide band and measuring amplifier
 PENTHODE pour utilisation comme amplificateur à
 large bande et de mesure
 PENTODE zur Verwendung als Breitband- und Messver-
 stärker

Heating: indirect by A.C. or D.C.;
 parallel supply
 Chauffage: indirect par C.A. ou C.C.; $V_f = 6,3$ V
 Heizung: indirekt durch Wechsel- oder
 Gleichstrom; Parallelspeisung

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Base, culot, Sockel: Octal 9 p.(B9G)

Capacitances

$C_a = 5,2 \text{ pF}$

Capacités

$C_{g1} = 8,3 \text{ pF}$

Kapazitäten

$C_{ag1} < 0,007 \text{ pF}$

$C_{g1f} < 0,01 \text{ pF}$

Damping resistances

$r_{g1} = 4 \text{ k}\Omega$

Résistances d'amortissement ($\lambda = 6 \text{ m}$)

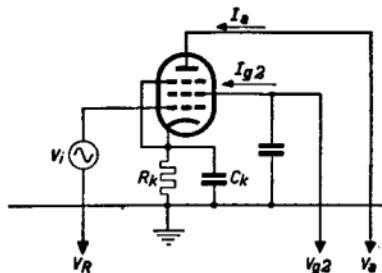
$r_a = 50 \text{ k}\Omega$

Dämpfungswiderstände

The grid damping r_{g1} is inversely proportional to
 the square of the frequency
 L'amortissement de grille r_{g1} est inversement pro-
 portionnel au carré de la fréquence
 Die Gitterdämpfung r_{g1} ist umgekehrt proportional
 dem Quadrat der Frequenz

Operating characteristics
 Caractéristiques d'utilisation
 Betriebsdaten

$V_a = V_{g2}$	=	250	V
V_{g3}	=	0	V
R_k	=	32	Ω
C_k	=	50	pF
V_R	=	$-1,55 \text{ -- } -4,5$	V
I_a	=	10	- mA
I_{g2}	=	3	- mA
S	=	6,5	mA/V
R_i	=	1	M Ω



Limiting values
 Caractéristiques limites
 Grenzdaten

V_{ao}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	3 W
V_{g2o}	= max.	550 V
V_{g2}	= max.	300 V
W_{g2}	= max.	1,7 W
I_k	= max.	15 mA
V_{g1} ($I_{g1} = +0,3 \mu A$)	= max.	-1,3 V
V_{g3} ($I_{g3} = +0,3 \mu A$)	= max.	-1,3 V
R_{g1}	= max.	3 M Ω
R_{g3}	= max.	3 M Ω
V_{fk}	= max.	100 V
R_{fk}	= max.	20 k Ω

PHILIPS

Electronic
Tube

HANDBOOK

page	EF50 sheet	date
1	1	1953.04.04
2	2	1953.04.04
3	FP	1999.06.28