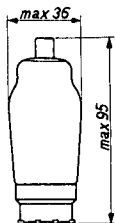
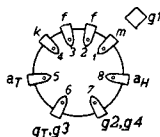
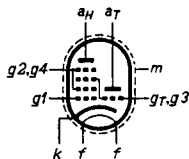


## TRIODE-HEXODE

Heating : indirect  
 Chauffage: indirect  
 Heizung : indirekt

$V_f = 6,3 \text{ V}$   
 $I_f = 0,2 \text{ A}$

Dimensions in mm  
 Dimensions en mm  
 Abmessungen in mm



Base, culot, Sockel: P

Capacitances	$C_{g1} = 4,9 \text{ pF}$	$C_{gT} = 8,8 \text{ pF}$
Capacités	$C_{aH} = 9,0 \text{ pF}$	$C_{aT} = 4,4 \text{ pF}$
Kapazitäten	$C_{aH-g1} < 0,003 \text{ pF}$	$C_{aT-gT} = 1,4 \text{ pF}$
	$C_{g1f} < 0,001 \text{ pF}$	$C_{gT-g1H} < 0,3 \text{ pF}$

Operating characteristics of the triode section as oscillator

Caractéristiques d'utilisation de la partie triode en oscillatrice

Betriebsdaten des Triodenteiles als Oszillator

$V_b$	=	100	150	250	V
$R_a$	=	0	0	45	k $\Omega$
$R_{gT+g3}$	=	50	50	50	k $\Omega$
$I_{gT+g3}$	=	200	200	200	$\mu\text{A}$
$r_a$	=	3,3	8	3,3	m $\Omega$
$V_{osc}$	=	8	8	8	$V_{eff}$

Limiting values of the triode section

Caractéristiques limites de la partie triode

Grenzdaten des Triodenteiles

$V_{a0}$	= max.	550	V
$V_a$	= max.	150	V
$V_g (I_g = +0,3 \mu\text{A})$	= max.	-1,3	V
$W_a$	= max.	1,5	W
$R_g$	= max.	100	k $\Omega$

Operating characteristics of the hexode section as frequency changer

Caractéristiques d'utilisation de la partie hexode comme changeuse de fréquence

Betriebsdaten des Hexodenteiles als Mischröhre

Screen grid supply through a potentiometer (R<sub>1</sub>,R<sub>2</sub>)

Alimentation de la grille-écran à travers un potentiomètre (R<sub>1</sub>,R<sub>2</sub>)

Schirmgitterspeisung über einen Spannungsteiler(R<sub>1</sub>,R<sub>2</sub>)

V <sub>a</sub> =V <sub>b</sub>	=	100	200	250	V	
R <sub>1</sub>	=	19	19	24	kΩ	
R <sub>2</sub>	=	54	54	33	kΩ	
R <sub>k</sub>	=	210	210	215	Ω	
R <sub>gT+g3</sub>	=	50	50	50	kΩ	
I <sub>gT+g3</sub>	=	200	200	200	μA	
V <sub>g1</sub>	=	-1,25	-13,5	-2	-23,5	V
V <sub>g2+g4</sub>	=	55	-	100	-	V
I <sub>a</sub>	=	1,0	-	3,0	-	mA
I <sub>g2+g4</sub>	=	1,4	-	3,0	-	mA
S <sub>c</sub>	=	450	4,5	650	6,5	6,5 μA/V
R <sub>i</sub>	=	1,3	>4	0,9	>2	1,3 >3 MΩ

Limiting values of the hexode section

Caractéristiques limites de la partie hexode

Grenzdaten des Hexodenteiles

V <sub>a0</sub>	= max.	550 V
V <sub>a</sub>	= max.	300 V
W <sub>a</sub>	= max.	1,2 W
V <sub>(g2+g4)0</sub>	= max.	550 V
V <sub>g2+g4</sub> (I <sub>a</sub> < 0,5mA)	= max.	200 V
V <sub>g2+g4</sub> (I <sub>a</sub> = 4,5mA)	= max.	125 V
W <sub>g2+g4</sub>	= max.	0,6 W
V <sub>g1</sub> (I <sub>g1</sub> =+0,3μA)	= max.	-1,3 V
V <sub>g3</sub> (I <sub>g3</sub> =+0,3μA)	= max.	-1,3 V
I <sub>k</sub>	= max.	15 mA
R <sub>g1</sub>	= max.	3 MΩ
R <sub>g3</sub>	= max.	100 kΩ
R <sub>kf</sub>	= max.	20 kΩ
V <sub>kf</sub>	= max.	100 V

**PHILIPS**



*Electronic  
Tube*

**HANDBOOK**

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3	FP	1999.06.26