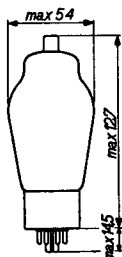
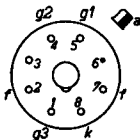
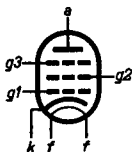


PENTODE for use as line time base output valve  
 PENTHODE pour l'utilisation comme tube de sortie de  
 base de temps lignes  
 PENTHODE zur Verwendung als Zeilenzeitbasisendröhre

Heating: indirect by A.C.  
 parallel supply  
 Chauffage: indirect par C.A.  
 alimentation en parallèle  $V_f = 6,3 \text{ V}$   
 $I_f = 1,4 \text{ A}$   
 Heizung: indirekt durch Wechselstrom  
 Parallelspeisung

Dimensions in mm  
 Dimensions en mm  
 Abmessungen in mm



Base, culot, Fuss: Octal

Capacitances  
 Capacités  
 Kapazitäten

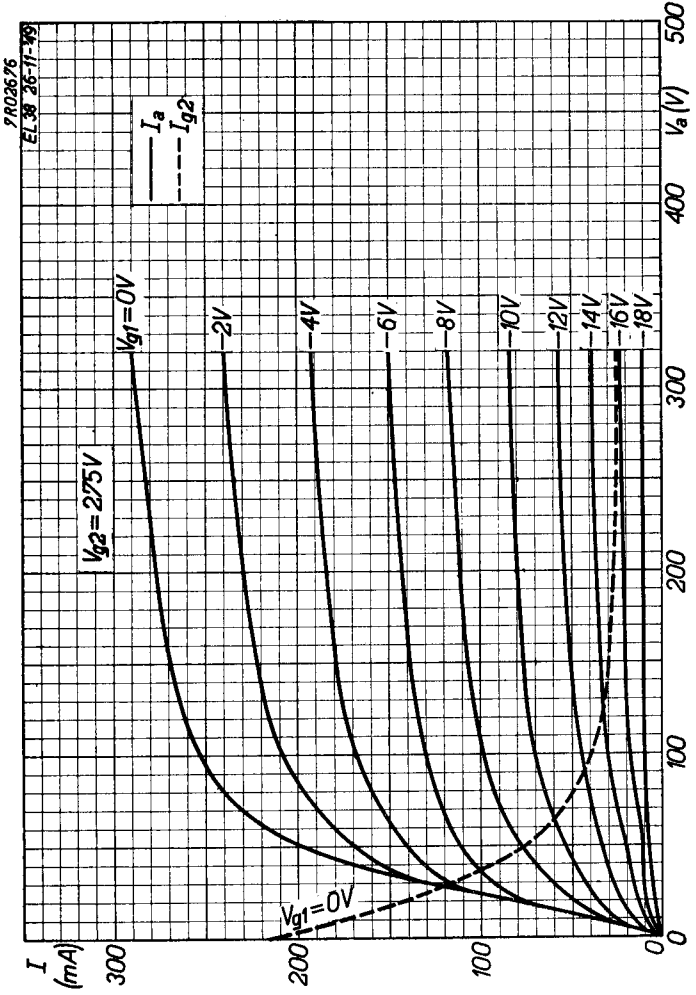
$C_{g1} = 17,5 \text{ pF}$   
 $C_a = 6,5 \text{ pF}$   
 $C_{ag1} = 1,2 \text{ pF}$

Typical characteristics  
 Caractéristiques typiques  
 Kenndaten

$V_a$	=	250	600 V
$V_{g3}$	=	0	0 V
$V_{g2}$	=	250	400 V
$V_{g1}$	=	-7	-22 V
$I_a$	=	100	42 mA
$I_{g2}$	=	13	5 mA
S	=	14,3	7,0 mA/V
$R_1$	=	21	43 k $\Omega$
$\mu_{g2g1}$	=	16,5	

Limiting values  
Caractéristiques limites  
Grenzdaten

$V_a$	= max.	800 V
$V_{ap}$	= max.	4 kV
$W_a$	= max.	25 W
$V_{g2}$	= max.	400 V
$W_{g2}$	= max.	8 W
$I_k$	= max.	200 mA
$V_{g1}$ ( $I_{g1} = +0,3 \mu A$ )	= max.	-1,3 V
$R_{g1}$ ( $W_a < 9 W$ )	= max.	0,8 M $\Omega$
$R_{g1}$ ( $W_a > 9 W$ )	= max.	0,5 M $\Omega$
$V_{kf}$	= max.	100 V
$R_{kf}$	= max.	20 k $\Omega$



**PHILIPS**



*Electronic  
Tube*

**HANDBOOK**

<b>page</b>	<b>EL38 sheet</b>	<b>date</b>
1	1	1950.05.05
2	2	1950.05.05
3	A	1950.02.02
4	FP	2000.01.06