

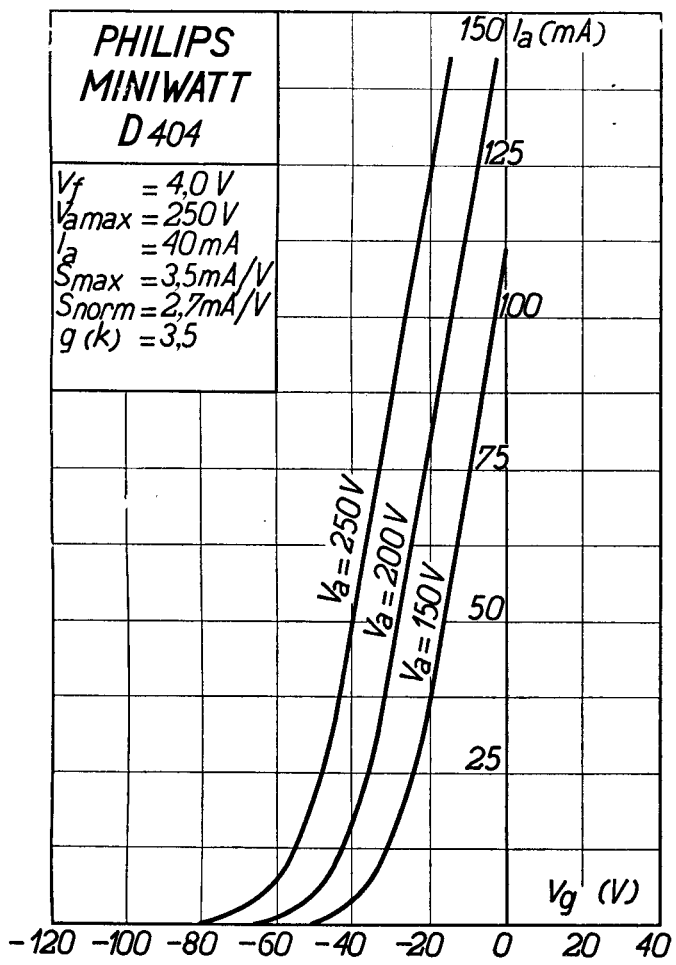
## PHILIPS „MINIWATT“

Heizspannung .....			
Tension de chauffage .....	$v_f$	=	4,0 V
Filament voltage .....			
Heizstrom .....		ca.	
Courant de chauffage .....	$i_f$	=	env. 0,65 A
Filament current .....		appr.	
Anodenspannung .....			
Tension anodique .....	$v_{a\max.}$	=	250 V
Anode voltage .....			
Normaler Anodenstrom .....			
Courant anodique normal .....	$i_a$	=	40 mA
Normal anode current .....			
Neg. Gittervorspannung .....		ca.	
Polarisation négative de grille .....	$v_g$	=	env. 40 V
Negative grid bias .....		appr.	
Verstärkungsfaktor .....			
Coefficient d'amplification .....	$g(k)$	=	3,5
Amplification factor .....			
Steilheit (max.) .....			
Inclinaison (max.) .....	$S_{\max.}$	=	3,5 mA/V
Slope (max.) .....			
Steilheit (norm.) .....			
Inclinaison (norm.) .....	$S_{\text{norm.}}$	=	2,7 mA/V
Slope (norm.) .....			
Innerer Widerstand (norm.) .....			
Résistance intérieure (norm.) .....	$R_i$	=	1300 Ohm
Internal resistance (norm.) .....			
Anodenverlustleistung .....			
Dissipation anodique .....	$w_{a\max.}$	=	10 W
Anode dissipation .....			
Max. Länge .....			
Longueur max. .....	$l$	=	125 mm
Overall length .....			
Grösster Durchmesser .....			
Diamètre max. .....	$d$	=	55 mm
Max. diameter .....			
Socket .....			
Culot .....		=	A 40
Base .....			
Sockelschaltung .....			
Connexion du culot .....		=	S. I
Base connection .....			

Anwendung: Endstufe  
 Applications: Tube final  
 Function: Power valve

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$V_f = 4,0\text{ V}$   
 $V_{a\text{max}} = 250\text{ V}$   
 $I_a = 40\text{ mA}$   
 $S_{\text{max}} = 3,5\text{ mA/V}$   
 $S_{\text{norm}} = 2,7\text{ mA/V}$   
 $g(k) = 3,5$



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Max. Anodenspannung .....	$V_{ao}$	= 500 V
Tension anodique max. ....	$V_{aL}$	= 250 V
Max. anode voltage .....		

Max. Anodenbelastung .....	$W_a$	= 10 W
Dissipation anodique max. ....		
Max. anode dissipation .....		

Max. Kathodenstrom .....	$I_c$	= 60 mA
Courant cathodique max. ....		
Max. cathode current .....		

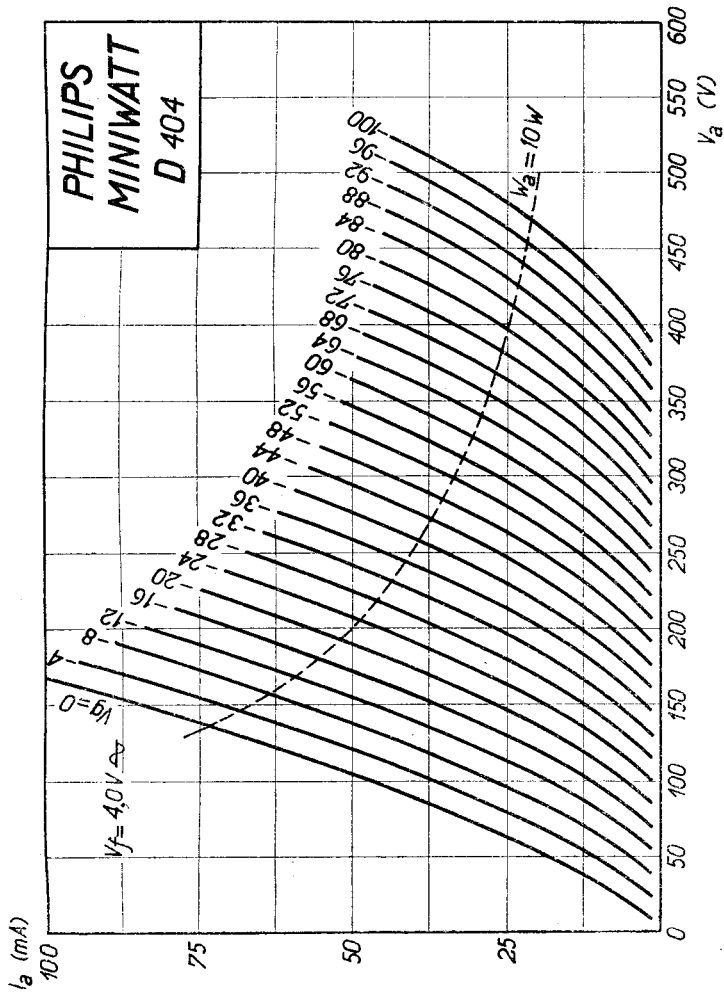
Gitterstrom-Einsatzpunkt .....	$V_{gi}$	= -2 V
Point de commenc. du courant de grille	$(V_f = 4 \text{ V} \setminus \setminus)$	
Starting point of grid current .....		

Max. Widerstand im Gitterkreis .....	$R_{g1}$	= 1,0 M. Ohm
Résistance max. dans le circuit de grille	$R_{g2}$	= 0,6 M. Ohm
Max. resistance in grid circuit .....		

Nutzleistung .....	$W_o$	= 1,7 W
Puissance utile .....	$(V_{g \text{ eff}} = 27 \text{ V})$	
Output .....	$(R_a = 3500 \Omega)$	

Kapazitäten .....	$C_{ag}$	= 7 $\mu\mu\text{F}$
Capacités .....	$C_{ak}$	= 5,7 $\mu\mu\text{F}$
Capacities .....	$C_{\sigma k}$	= 5,2 $\mu\mu\text{F}$

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## PHILIPS „MINIWATT“

Max. Anodenspannung .....	$V_{ao}$	= 500 V
Tension anodique max. ....	$V_{aL}$	= 250 V
Max. anode voltage .....		

Max. Anodenbelastung .....	$W_a$	= 10 W
Dissipation anodique max. ....		
Max. anode dissipation .....		

Max. Kathodenstrom .....	$I_c$	= 65 mA
Courant cathodique max. ....		
Max. cathode current .....		

Gitterstrom-Einsatzpunkt .....	$V^{gi}$	= -2 V
Point de commenc. du courant de grille	$(V_f = 4 \text{ V} \wedge)$	
Starting point of grid current .....		

Max. Widerstand im Gitterkreis .....	$R_{g1}$	= 1,0 M. Ohm
Résistance max. dans le circuit de grille	$R_{g2}$	= 0,6 M. Ohm
Max. resistance in grid circuit .....		

Nutzleistung .....	$W_o$	$(V_g^{eff} = 27 \text{ V})$	= 1,7 W
Puissance utile .....		$(R_a = 3500 \Omega)$	
Output .....			

Kapazitäten .....	$C_{ag}$	= 7 $\mu\mu\text{F}$
Capacités .....	$C_{ak}$	= 5,7 $\mu\mu\text{F}$
Capacities .....	$C_{gk}$	= 5,2 $\mu\mu\text{F}$

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