

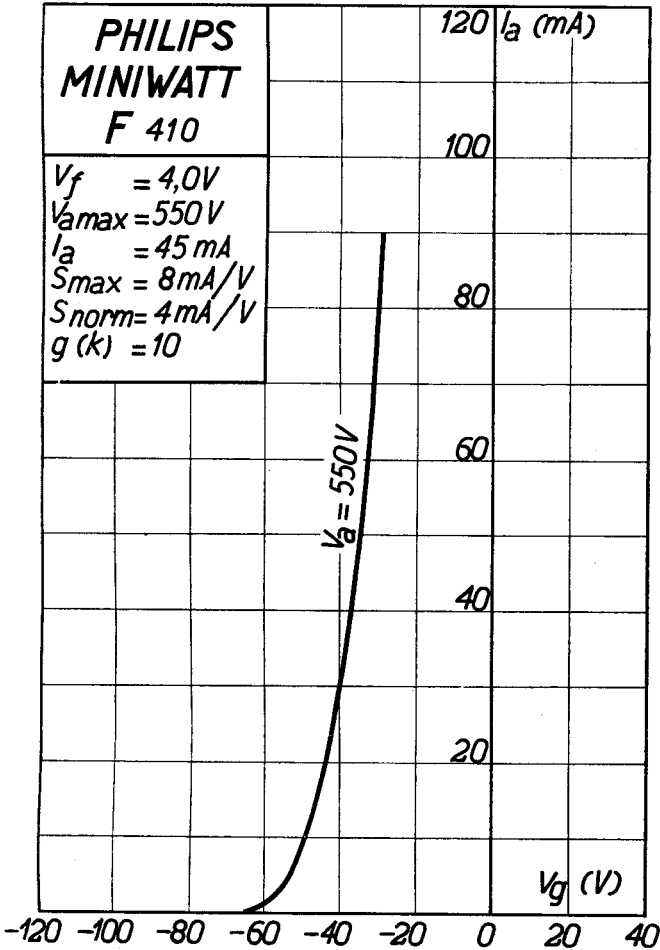
PHILIPS „MINIWATT“

Heizspannung			
Tension de chauffage			
Filament voltage	v_f	=	4,0 V
Heizstrom			ca.
Courant de chauffage	i_f	=	env. 2,0 A
Filament current			appr.
Anodenspannung			
Tension anodique	$v_{a \max.}$	=	550 V
Anode voltage			
Normaler Anodenstrom			
Courant anodique normal	i_a	=	45 mA
Normal anode current			
Neg. Gittervorspannung			ca.
Polarisation négative de grille	v_g	=	env. 36 V
Negative grid bias			appr.
Verstärkungsfaktor			
Coefficient d'amplification	$g(k)$	=	10
Amplification factor			
Steilheit (max.)			
Inclinaison (max.)	$S_{\max.}$	=	8 mA/V
Slope (max.)			
Steilheit (norm.)			
Inclinaison (norm.)	$S_{\text{norm.}}$	=	4 mA/V
Slope (norm.)			
Innerer Widerstand (norm.)			
Résistance intérieure (norm.)	R_i	=	2500 Ohm
Internal resistance (norm.)			
Anodenverlustleistung			
Dissipation anodique	$w_{a \max.}$	=	25 W
Anode dissipation			
Max. Länge			
Longueur max.	l	=	140 mm
Overall length			
Grösster Durchmesser			
Diamètre max.	d	=	67 mm
Max. diameter			
Sockel			
Culot		=	A 4C
Base			
Sockelschaltung			
Connexion du culot		=	S 1
Base connection			

Anwendung: Endstufe
 Applications: Tube final
 Function: Power valve

**PHILIPS
MINIWATT
F 410**

$V_f = 4,0V$
 $V_{amax} = 550V$
 $I_a = 45 mA$
 $S_{max} = 8 mA/V$
 $S_{norm} = 4 mA/V$
 $g(k) = 10$



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Max. Anodenspannung	V_{ao}	= 900 V
Tension anodique max.		
Max. anode voltage	V_{aL}	= 550 V

Max. Anodenbelastung		
Dissipation anodique max.	W_a	= 25 W
Max. anode dissipation		

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

Gitterstrom-Einsatzpunkt		
Point de commenc. du courant de grille	V_{gi}	= -2 V
Starting point of grid current		

Max. Widerstand im Gitterkreis	R_{g1}	= 0,3 M. Ohm
Résistance max. dans le circuit de grille		
Max. resistance in grid circuit	R_{g2}	= 0,1 M. Ohm

Nutzleistung		
Puissance utile	W_o	($V_g \text{ eff} = 24,5 \text{ V}$)
Output		($R_a = 7000 \Omega$)
		= 5,9 W

Kapazitäten	C_{ag}	= 6 $\mu\mu\text{F}$
Capacités	C_{ak}	= 4,4 $\mu\mu\text{F}$
Capacities	C_{gk}	= 7,1 $\mu\mu\text{F}$

