

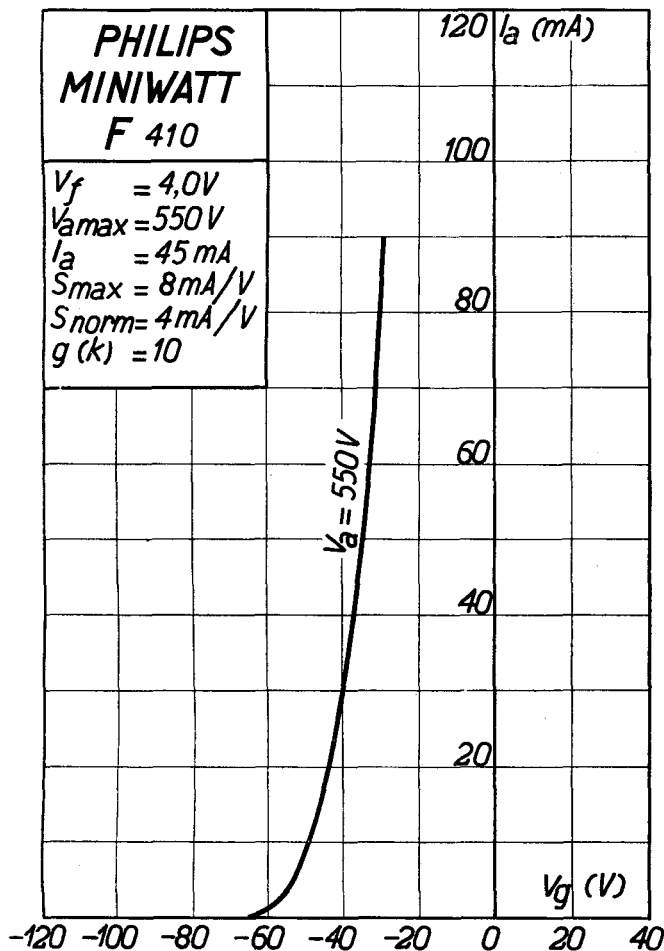
PHILIPS „MINIWATT“

Heizspannung		
Tension de chauffage	v_f	= 4,0 V
Filament voltage		
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 40
Base		
Sockelschaltung		
Connexion du culot		= S I
Base connection		

Anwendung: Endstufe
 Applications: Tube final
 Function: Power valve

**PHILIPS
MINIWATT
F 410**

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



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

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	R_{g2}	= 0,1 M. Ohm
Max. resistance in grid circuit		

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

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

