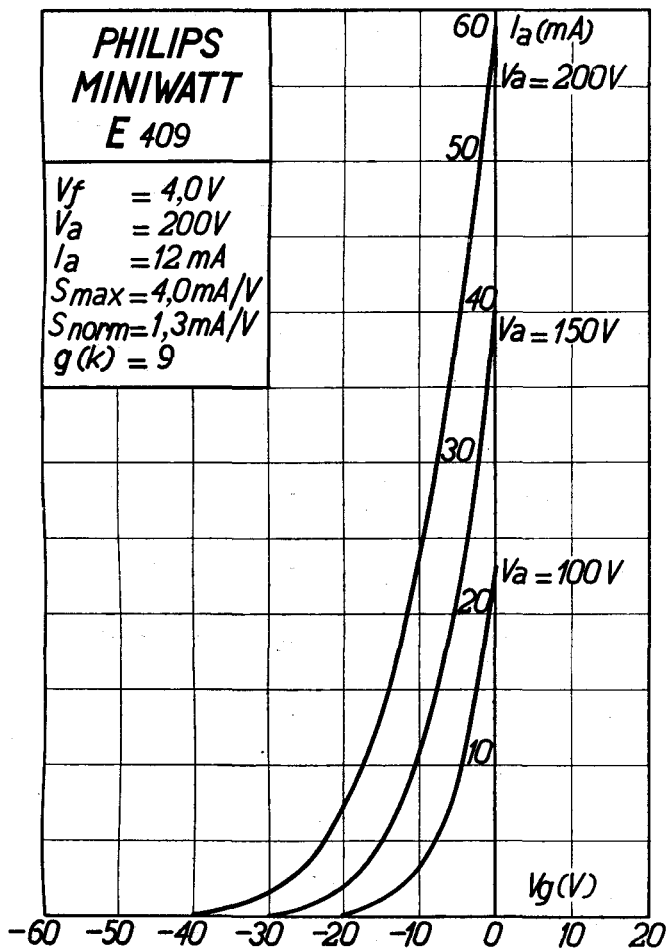


PHILIPS „MINIWATT“

Heizspannung	V_f	= 4,0 V
Tension de chauffage		
Filament voltage		
Heizstrom	I_f	ca.
Courant de chauffage		= env. 1,0 A
Filament current		appr.
Anodenspannung	$V_{a\ max}$	= 200 V
Tension anodique		
Anode voltage		
Normaler Anodenstrom	I_a	= 12 mA
Courant anodique normal		
Normal anode current		
Neg. Gittervorspannung	V_g	ca.
Polarisation négative de grille		= env. 16 V
Negative grid bias		appr.
Verstärkungsfaktor	$g(k)$	= 9
Coefficient d'amplification		
Amplification factor		
Steilheit (max.)	$S_{\max}$	= 4 mA/V
Inclinaison (max.)		
Slope (max.)		
Steilheit (norm.)	S_{norm}	= 1,3 mA/V
Inclinaison (norm.)		
Slope (norm.)		
Innerer Widerstand (norm.)	R_i	= 7000 Ohm
Résistance intérieure (norm.)		
Internal resistance (norm.)		
Max. Länge	l	= 91 mm
Longueur max.		
Overall length		
Grösster Durchmesser	d	= 47 mm
Diamètre max.		
Max. diameter		
Sockel		= 0 35
Culot		
Base		
Sockelschaltung		= S VII
Connexion du culot		
Base connection		
Anwendung: Endstufe		
Application: Tube final		
Function: Power valve		

**PHILIPS
MINIWATT
E 409**

$V_f = 4,0V$
 $V_a = 200V$
 $I_a = 12mA$
 $S_{max} = 4,0mA/V$
 $S_{norm} = 1,3mA/V$
 $g(k) = 9$

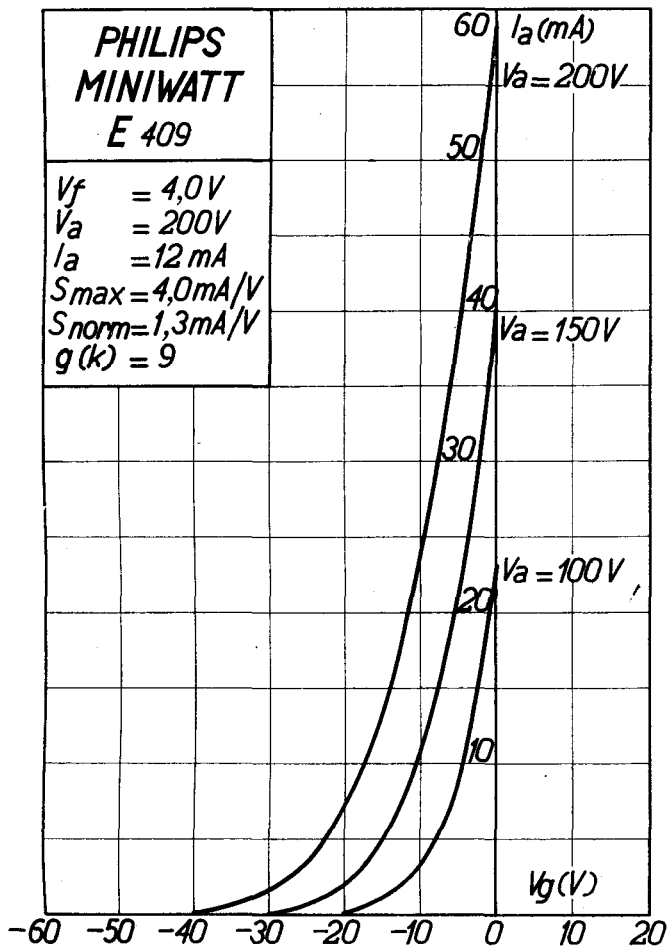


PHILIPS „MINIWATT“

Heizspannung		
Tension de chauffage	V_f	= 4,0 V
Filament voltage		
Heizstrom		ca.
Courant de chauffage	I_f	= env. 1,0 A
Filament current		appr.
Anodenspannung		
Tension anodique	V_a max.	= 200 V
Anode voltage		
Normaler Anodenstrom		
Courant anodique normal	I_a	= 12 mA
Normal anode current		
Neg. Gittervorspannung		ca.
Polarisation négative de grille	V_{g1}	= env. 16 V
Negative grid bias		appr.
Verstärkungsfaktor		
Coefficient d'amplification	$g(k)$	= 9
Amplification factor		
Steilheit (max.)		
Inclinaison (max.)	$S_{\max}$	= 4 mA/V
Slope (max.)		
Steilheit (norm.)		
Inclinaison (norm.)	$S_{\text{norm.}}$	= 1,3 mA/V
Slope (norm.)		
Innerer Widerstand (norm.)		
Résistance intérieure (norm.)	R_i	= 7000 Ohm
Internal resistance (norm.)		
Max. Länge		
Longueur max.	l	= 91 mm
Overall length		
Grösster Durchmesser		
Diamètre max.	d	= 47 mm
Max. diameter		
Sockel		
Culot		= 0 35
Base		
Sockelschaltung		
Connexion du culot		= VII
Base connection		
Anwendung: Endstufe		
Application: Tube final		
Function: Power valve		

**PHILIPS
MINIWATT
E 409**

$V_f = 4,0V$
 $V_a = 200V$
 $I_a = 12mA$
 $S_{max} = 4,0mA/V$
 $S_{norm} = 1,3mA/V$
 $g(k) = 9$



PHILIPS „MINIWATT“

Max. Anodenspannung	V_{ao}	= 400 V
Tension anodique max.	V_{aL}	= 200 V
Max. anode voltage		

Max. Anodenbelastung	W_a	= 3 W
Dissipation anodique max.		
Max. anode dissipation		

Max. Kathodenstrom	I_c	= 30 mA
Courant cathodique max.		
Max. cathode current		

Gitterstrom-Einsatzpunkt	V_{g1i}	= -1,3 V
Point de commenc. du courant de grille		
Starting point of grid current		

Max. Widerstand im Gitterkreis	R_{g1a}	= 1 M. Ohm
Résistance max. dans le circuit de grille	R_{g1f}	= 0,5 M. Ohm
Max. resistance in grid circuit		

Nutzleistung	W_o	$(V_{g \text{ eff}} = 10,5 \text{ V})$	= 0,22 W
Puissance utile		$(R_a = 27000 \text{ Ohm})$	
Output			

Kapazitäten	C_{ag1}	= 4 μF
Capacités	C_{ac}	= 3,2 μF
Capacities	C_{g1c}	= 5,1 μF

**PHILIPS
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