

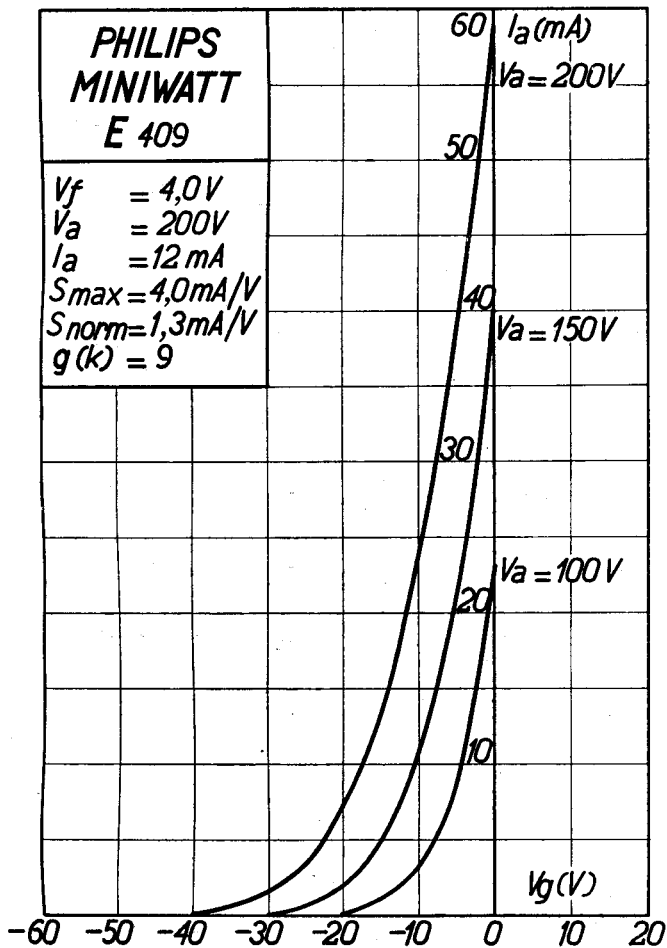
PHILIPS „MINIWATT“

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_g	=	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.)	$S_{\ norm}$	=	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		=	S VII
Base connection			

Anwendung: Endstufe
 Application: Tube final
 Function: Power valve

**PHILIPS
MINIWATT
E 409**

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

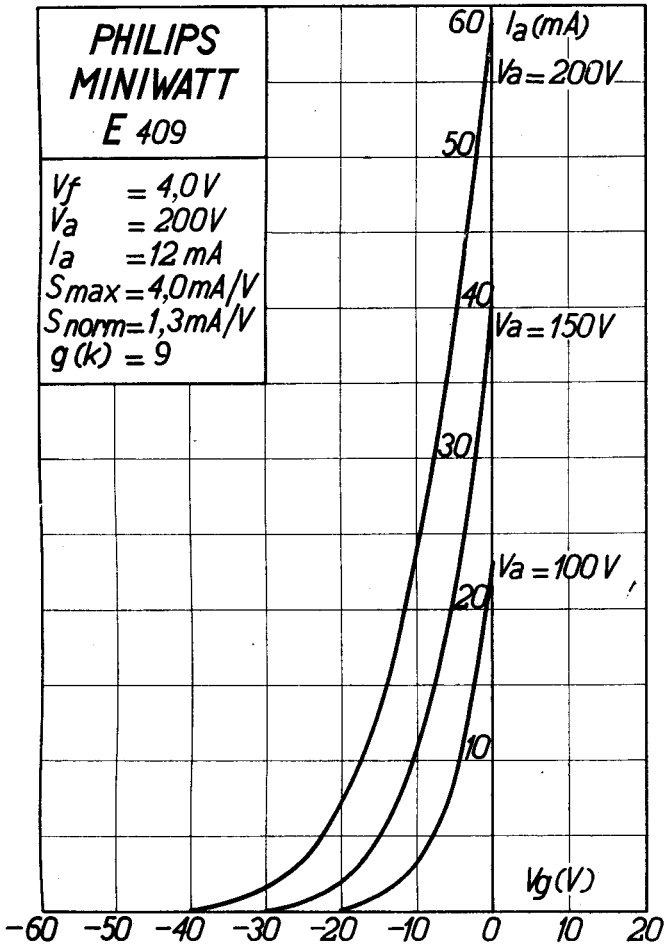


PHILIPS „MINIWATT“

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.)	$S_{norm.}$	=	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_{g1i}	= 0,5 M. Ohm
Max. resistance in grid circuit		
Nutzleistung	W_o ($V_g^{eff} = 10,5$ V)	= 0,22 W
Puissance utile	($R_a = 27000$ Ohm)	
Output		
Kapazitäten	C_{ag1}	= 4 μ F
Capacités	C_{ac}	= 3,2 μ F
Capacities	C_{g1c}	= 5,1 μ F

