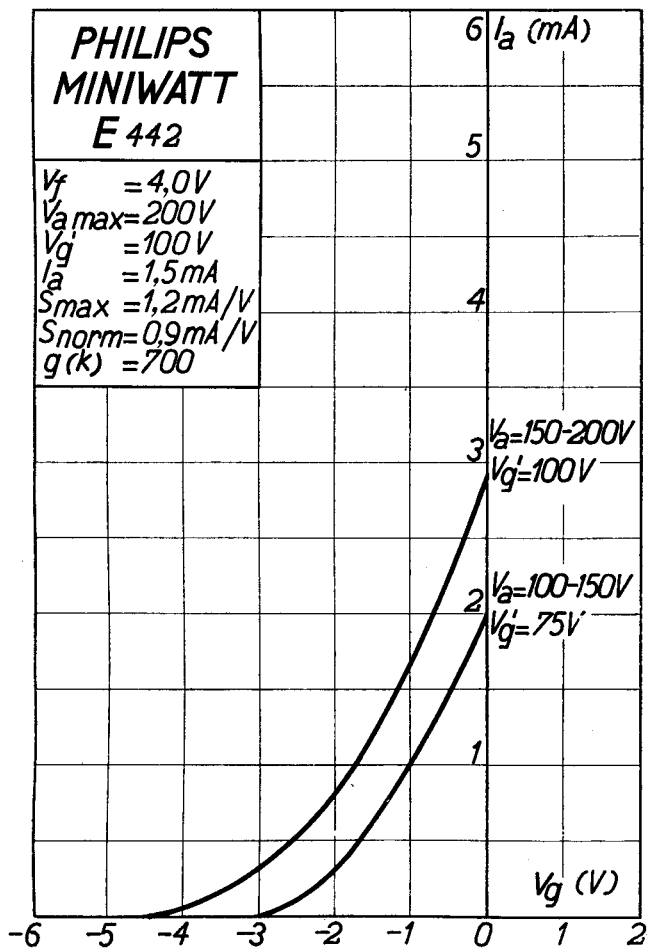


PHILIPS „MINIWATT“

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		
Schirmgitterspannung		
Tension de grille-écran	$v_{g'}$	= 100 V
Screen-grid voltage		
Normaler Anodenstrom		
Courant anodique normal	i_a	= 1,5 mA
Normal anode current		
Neg. Gittervorspannung		ca.
Polarisation négative de grille	v_g	= env. 1,3 V
Negative grid bias		appr.
Verstärkungsfaktor		
Coefficient d'amplification	$g(k)$	= 700
Amplification factor		
Steilheit (max.)		
Inclinaison (max.)	$S_{\max.}$	= 1,2 mA/V
Slope (max.)		
Steilheit (norm.)		
Inclinaison (norm.)	$S_{\text{norm.}}$	= 0,9 mA/V
Slope (norm.)		
Innerer Widerstand (norm.)		
Résistance intérieure (norm.)	R_i	= 800000 Ohm
Internal resistance (norm.)		
Anoden-Gitterkapazität		
Capacité grille-plaque	C_{ag}	= 0,005 $\mu\mu\text{F}$
Anode-grid capacity		
Max. Länge		
Longueur max.	l	= 112 mm
Overall length		
Grösster Durchmesser		
Diamètre max.	d	= 47 mm
Max. diameter		
Sockel		
Culot		= 0 35
Base		
Sockelschaltung		
Connexion du culot		= S X
Base connection		
Anwendung: H.F.-Verstärkung		
Applications: Amplification h.f.		
Function: H.F. amplification		
	Z.F.-Verstärkung	
	Amplification m.f.	
	I.F. amplification	

**PHILIPS
MINIWATT
E 442**

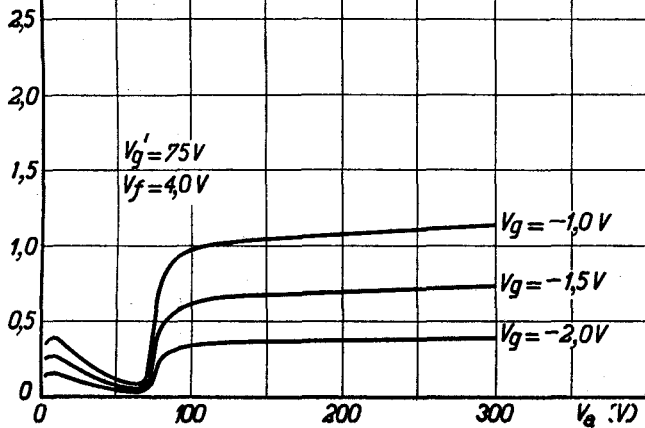
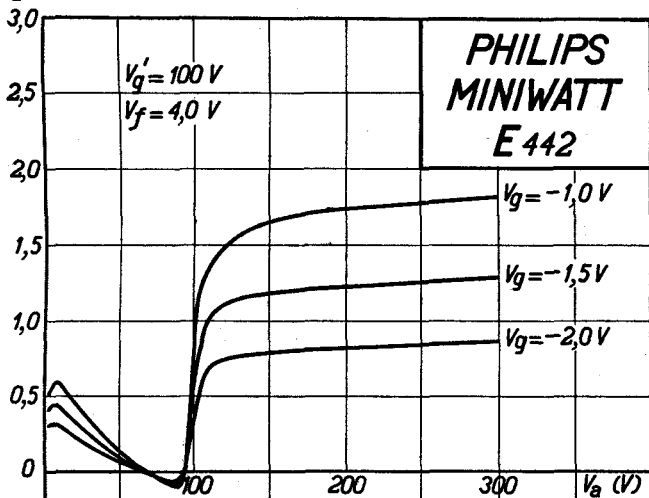
$V_f = 4,0V$
 $V_{a\max} = 200V$
 $V_{g'} = 100V$
 $I_a = 1,5mA$
 $S_{max} = 1,2mA/V$
 $S_{norm} = 0,9mA/V$
 $g(k) = 700$



PHILIPS „MINIWATT“

Max. Anodenspannung	V_{ao}	= 400 V
Tension anodique max.	V_{aR}	= 250 V
Max. anode voltage	V_{aL}	= 200 V
Max. Anodenbelastung		
Dissipation anodique max.	W_a	= 1,0 W
Max. anode dissipation		
Max. Kathodenstrom		
Courant cathodique max.	I_c	= 10 mA
Max. cathode current		
Max. Schirmgitterspannung	V_{g^1o}	= 300 V
Tension de grille-écran max.		$V_a - 30$ V
Max. screen-grid voltage	V_{g^1}	= max. 150 V
Max. Schirmgitterbelastung		
Dissipation de grille-écran max.	W_{g^1}	= 0,25 W
Max. screen-grid dissipation		
Mittlerer Schirmgitterstrom		
Courant de grille-écran moyen	I_{g^1}	= 0,6 mA
Average screen-grid current		
Ungefähre Grenzw. des Schirmgitterstr.	$I_{g^1}^{min.}$	= 0,2 mA
Limites approxim. du cour. de gr.-écran	$I_{g^1}^{max.}$	= 0,9 mA
Approx. limits of screen-grid current		
Gitterstrom-Einsatzpunkt		
Point de commenc. du courant de grille	V_{gi}	= -1,3 V
Starting point of grid current		
Max. Widerstand im Gitterkreis	R_{g^1}	= 1,5 M. Ohm
Point de commenc. du courant de grille	R_{g^2}	= 1,0 M. Ohm
Max. resistance in grid circuit		
Max. Spann. zwischen Faden und Kath.		
Tension max. entre filament et cathode	V_{fc}	= 50 V
Max. voltage between filam. and cathode		
Max. Widerst. zwischen Faden und Kath.		
Résist. max. entre filament et cathode	R_{fc}	= 20000 Ohm
Max. resist. betw. filament and cathode		
Kapazitäten	C_g	= 11 $\mu\mu\text{F}$
Capacités	C_a	= 8,3 $\mu\mu\text{F}$
Capacities	C_{ag}	= 0,005 $\mu\mu\text{F}$

I_a (mA)



PHILIPS „MINIWATT“

Max. Anodenspannung	V_{ao}	= 400 V
Tension anodique max.	V_{ao}	= 250 V
Max. anode voltage	V_{aR}	= 200 V
	V_{aL}	
Max. Anodenbelastung		
Dissipation anodique max.	W_a	= 1,0 W
Max. anode dissipation		
Max. Kathodenstrom		
Courant cathodique max.	I_c	= 10 mA
Max. cathode current		
Max. Schirmgitterspannung	$V_{g'0}$	= 300 V
Tension de grille-écran max.	$V_{g'}$	= $V_a - 50$ V
Max. screen-grid voltage	$V_{g'}$	= max. 150 V
Max. Schirmgitterbelastung		
Dissipation de grille-écran max.	$W_{g'}$	= 0,25 W
Max. screen-grid dissipation		
Mittlerer Schirmgitterstrom		
Courant de grille-écran moyen	$I_{g'}$	= 0,6 mA
Average screen-grid current		
Ungefähre Grenzw. des Schirmgitterstr.	$I_{g'}$ min.	= 0,2 mA
Limites approxim. du cour. de gr.-écran	$I_{g'}$ max.	= 0,9 mA
Approx. limits of screen-grid current		
Gitterstrom-Einsatzpunkt		
Point de commenc. du courant de grille	V_{gi}	= -1,1 V
Starting point of grid current		
Max. Widerstand im Gitterkreis	R_{g1}	= 1,5 M.Ωhm
Résistance max. dans le circuit de grille	R_{g2}	= 1,0 M.Ωhm
Max. resistance in grid circuit		
Max. Spann. zwischen Faden und Kath.		
Tension max. entre filament et cathode	V_{fc}	= 50 V
Max. voltage between filam. and cathode		
Max. Widerst. zwischen Faden und Kath.		
Résist. max. entre filament et cathode	R_{fc}	= 20000 Ωhm
Max. resist. betw. filament and cathode		
Kapazitäten	C_g	= 11 μμF
Capacités	C_a	= 8,3 μμF
Capacities	C_{ag}	= 0,005 μμF

I_a (mA)

