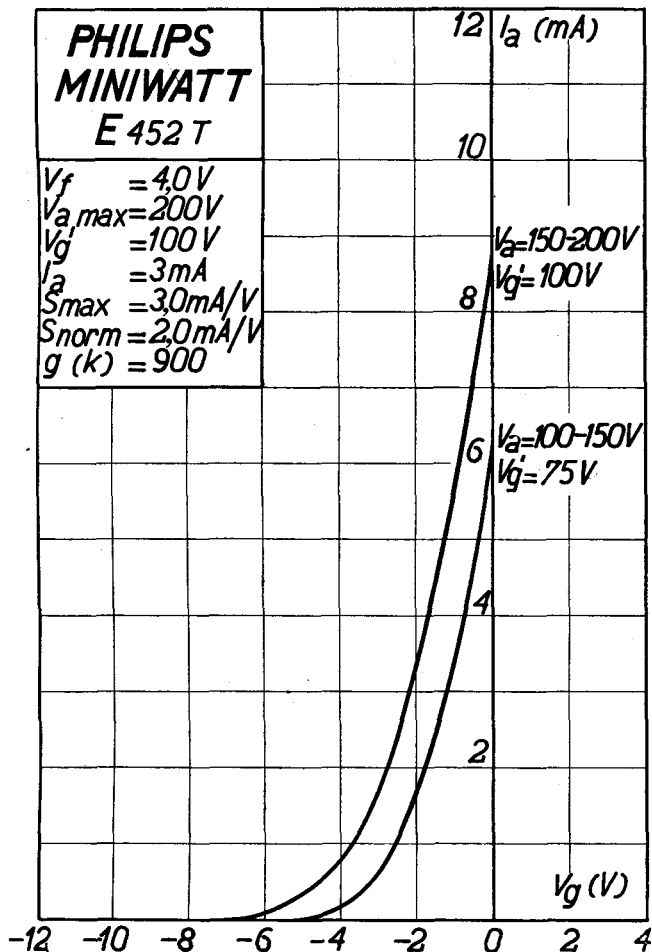


PHILIPS „MINIWATT“

Heizspannung		
Tension de chauffage	v_f	= 4,0 V
Filament voltage		ca.
Heizstrom		
Courant de chauffage	i_f	= env. 1,0 A
Filament current		appr.
Anodenspannung		
Tension anodique	$v_{amax.}$	= 200 V
Anode voltage		
Schirmgitterspannung		
Tension de grille-écran	v_g^1	= 100 V
Screen-grid voltage		
Normaler Anodenstrom		
Courant anodique normal	i_a	= 3 mA
Normal anode current		
Neg. Gittervorspannung		
Polarisation négative de grille	v_g	= 2 V
Negative grid bias		
Verstärkungsfaktor		
Coefficient d'amplification	$g(k)$	= 900
Amplification factor		
Steilheit (max.)		
Inclinaison (max.)	$S_{max.}$	= 3,0 mA/V
Slope (max.)		
Steilheit (norm.)		
Inclinaison (norm.)	$S_{norm.}$	= 2,0 mA/V
Slope (norm.)		
Innerer Widerstand (norm.)		
Résistance intérieure (norm.)	R_i	= 450000 Ohm
Internal resistance (norm.)		
Anoden-Gitterkapazität		
Capacité grille-plaque	C_{ag}	= 0,003 $\mu\mu F$
Anode-grid capacity		
Max. Länge ..		
Longueur max.	l	= 127 mm
Overall length		
Grösster Durchmesser		
Diamètre max.	d	= 50 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	

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$V_f = 4,0 \text{ V}$
 $V_{a, \max} = 200 \text{ V}$
 $V_g' = 100 \text{ V}$
 $I_a = 3 \text{ mA}$
 $S_{\max} = 3,0 \text{ mA/V}$
 $S_{\text{norm}} = 2,0 \text{ mA/V}$
 $g(k) = 900$

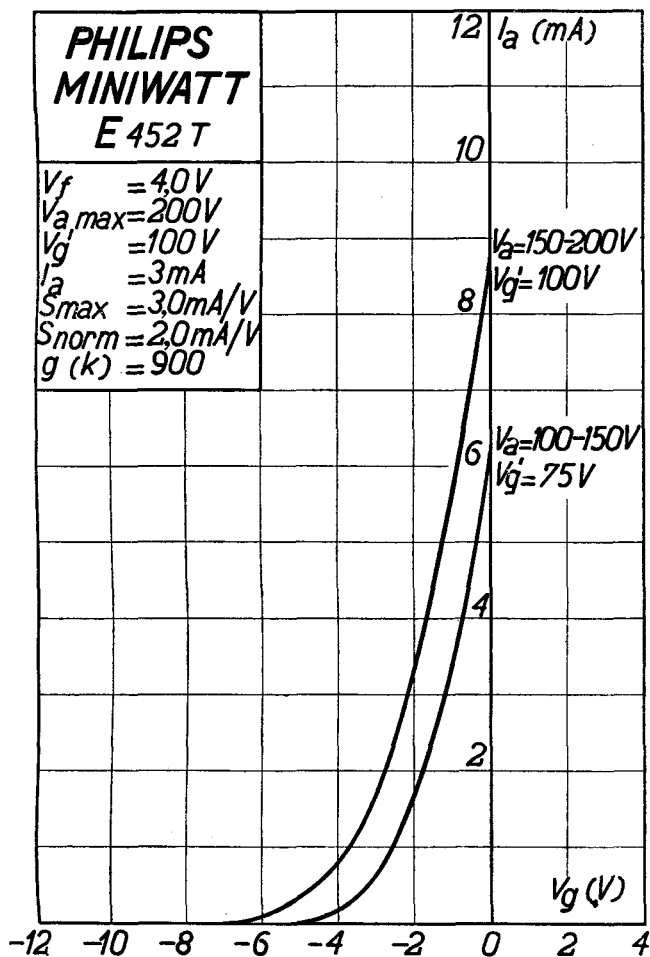


PHILIPS „MINIWATT“

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	$V_a \text{ max}$	= 200 V
Tension anodique		
Anode voltage		
Schirmgitterspannung	V_g^I	= 100 V
Tension de grille-écran		
Screen-grid voltage		
Normaler Anodenstrom	I_a	= 3 mA
Courant anodique normal		
Normal anode current		
Neg. Gittervorspannung	V_g	ca.
Polarisation négative de grille		= env. 2 V
Negative grid bias		appr.
Verstärkungsfaktor	$g(k)$	= 900
Coefficient d'amplification		
Amplification factor		
Steilheit (max.)	S_{max}	= 3,0 mA/V
Inclinaison (max.)		
Slope (max.)		
Steilheit (norm.)	S_{norm}	= 2,0 mA/V
Inclinaison (norm.)		
Slope (norm.)		
Innerer Widerstand (norm.)	R_i	= 450000 Ohm
Résistance intérieure (norm.)		
Internal resistance (norm.)		
Anoden-Gitterkapazität	C_{ag}	= 0,003 μF
Capacité grille-plaque		
Anode-grid capacity		
Max. Länge	l	= 127 mm
Longueur max.		
Overall length		
Grösster Durchmesser	d	= 50 mm
Diamètre max.		
Max. diameter		
Sockel		= 0 35
Culot		
Base		
Sockelschaltung		= S*X
Connexion du culot		
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 452 T**

$V_f = 4,0 V$
 $V_{a,max} = 200 V$
 $V_{g'} = 100 V$
 $I_a = 3 mA$
 $S_{max} = 3,0 mA/V$
 $S_{norm} = 2,0 mA/V$
 $g(k) = 900$



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Max. Anodenspannung	V_{ao}	= 400 V
Tension anodique max.	V_{aR}	= 250 V
Max. anode voltage	V_{aL}	= 200 V
Max. Anodenbelastung	W_a	= 1,0 W
Dissipation anodique max.		
Max. anode dissipation		
Max. Kathodenstrom	I_c	= 10 mA
Courant cathodique max.		
Max. cathode current		
Max. Schirmgitterspannung	V_{g^1o}	= 300 V
Tension de grille-écran max.	V_{g^1}	= $V_a - 50$ V
Max. screen-grid voltage		max. 150 V
Max. Schirmgitterbelastung	W_{g^1}	= 0,25 W
Dissipation de grille-écran max.		
Max. screen-grid dissipation		
Mittlerer Schirmgitterstrom	I_{g^1}	= 0,7 mA
Courant de grille-écran moyen		
Average screen-grid current		
Ungefähre Grenzw. des Schirmgitterstr.	$I_{g^1}^{min.}$	= 0,1 mA
Limites approxim. du cour. de gr.-écran	$I_{g^1}^{max.}$	= 1,5 mA
Approx. limits of screen-grid current		
Gitterstrom-Einsatzpunkt	V_{gi}	= -1,3 V
Point de commenc. du courant de grille		
Starting point of grid current		
Max. Widerstand im Gitterkreis	R_{g1}	= 1,5 M. Ohm
Résistance max. dans le circuit de grille	R_{g2}	= 1,0 M. Ohm
Max. resistance in grid circuit		
Max. Spann. zwischen Faden und Kath.	V_{fc}	= 50 V
Tension max. entre filament et cathode		
Max. voltage between filam. and cathode		
Max. Widerst. zwischen Faden und Kath.	R_{fc}	= 20000 Ohm
Résist. max. entre filament et cathode		
Max. resist. betw. filament and cathode		
Kapazitäten	C_g	= 12,4 $\mu\mu\text{F}$
Capacités	C_a	= 7,3 $\mu\mu\text{F}$
Capacities	C_{ag}	= 0,003 $\mu\mu\text{F}$

I_a (mA)

