

PHILIPS „MINIWATT“

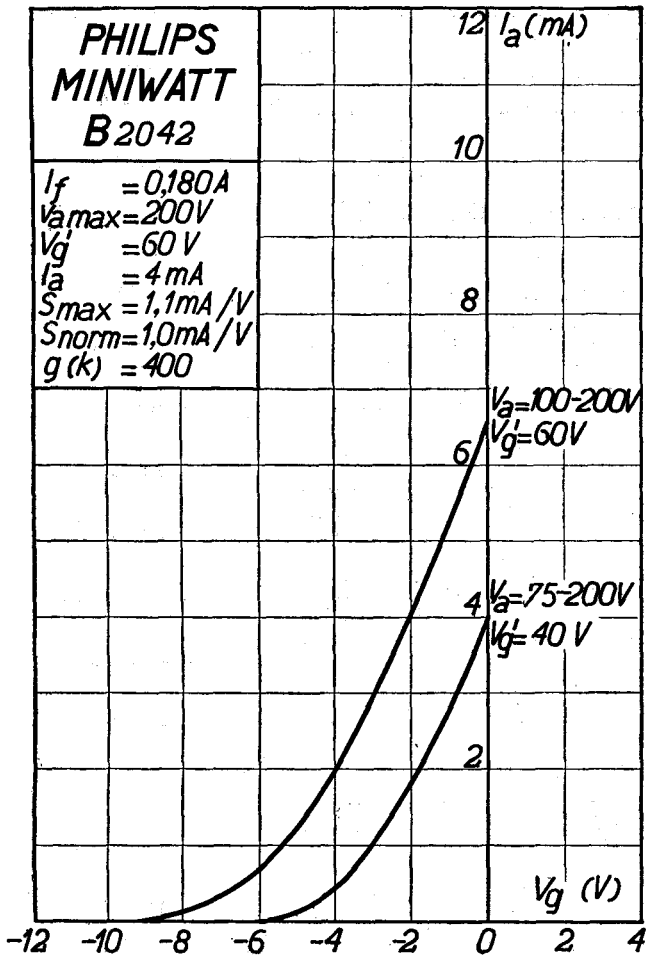
Heizspannung		ca.
Tension de chauffage	v_f	= env. 20 V
Filament voltage		appr.
Heizstrom		
Courant de chauffage	i_f	= 0,180 A
Filament current		
Anodenspannung		
Tension anodique	v_a max.	= 100 V
Anode voltage		
Schirmgitterspannung		
Tension de grille-écran	v_{g1}	= 60 V
Screen-grid voltage		
Normaler Anodenstrom		
Courant anodique normal	i_a	= 4 mA
Normal anode current		
Neg. Gittervorspannung		ca.
Polarisation négative de grille	v_g	= env. 2 V
Negative grid bias		appr.
Verstärkungsfaktor		
Coefficient d'amplification	$g(k)$	= 400
Amplification factor		
Steilheit (max.)		
Inclinaison (max.)	$S_{max.}$	= 1,1 mA/V
Slope (max.)		
Steilheit (norm.)		
Inclinaison (norm.)	$S_{norm.}$	= 1,0 mA/V
Slope (norm.)		
Innerer Widerstand (norm.)		
Résistance intérieure (norm.)	R_i	= 400.000 Ohm
Internal resistance (norm.)		
Anoden-Gitterkapazität		
Capacité grille-plaque	C_{ag}	= 0,003 $\mu\mu F$
Anode-grid capacity		
Max. Länge		
Longueur max.	l	= 120 mm
Overall length		
Grösster Durchmesser		
Diamètre max.	d	= 51 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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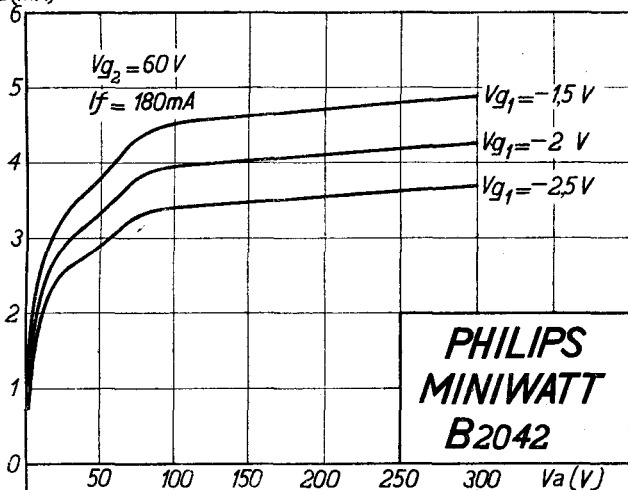
$I_f = 0,180A$
 $V_{amax} = 200V$
 $V_g' = 60V$
 $I_a = 4mA$
 $S_{max} = 1,1mA/V$
 $S_{norm} = 1,0mA/V$
 $g(k) = 400$



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Max. Anodenspannung	V_{ao}	= 250 V
Tension anodique max.	V_{aR}	= 250 V
Max. anode voltage	V_{aL}	= 200 V
Max. Anodenbelastung		
Dissipation anodique max.	W_{g2}	= 1,0 W
Max. anode dissipation		
Max. Kathodenstrom		
Courant cathodique max.	I_c	= 10 mA
Max. cathode current		
Max. Schirmgitterspannung	V_{g2o}	= 250 V
Tension de grille-écran max.	V_{g2}	= $V_a - 50$ V
Max. screen-grid voltage		= max. 100 V
Max. Schirmgitterbelastung		
Dissipation de grille-écran max.	W_{g2}	= 0,25 W
Max. screen-grid dissipation		
Mittlerer Schirmgitterstrom		
Courant de grille-écran moyen	I_{g2}	= 1,9 mA
Average screen-grid current		
Ungefähre Grenzw. des Schirmgitterstr.	$I_{g2 \text{ min.}}$	= 1,4 mA
Limites approxim. du cour. de gr.-écran	$I_{g2 \text{ max.}}$	= 2,6 mA
Approx. limits of screen-grid current		
Gitterstrom-Einsatzpunkt		
Point de commenc. du courant de grille	V_{g1i}	= -1,3 V
Starting point of grid current		
Max. Widerstand im Gitterkreis	R_{g1a}	= 1,5 M. Ohm
Résistance max. dans le circuit de grille	R_{g1f}	= 1,0 M. Ohm
Max. resistance in grid circuit		
Max. Spann. zwischen Faden und Kath.		
Tension max. entre filament et cathode	V_{fc}	= 100 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	= 9,6 $\mu\mu\text{F}$
Capacités	C_a	= 8,6 $\mu\mu\text{F}$
Capacities	C_{ag}	= 0,003 $\mu\mu\text{F}$

I_a (mA)



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