

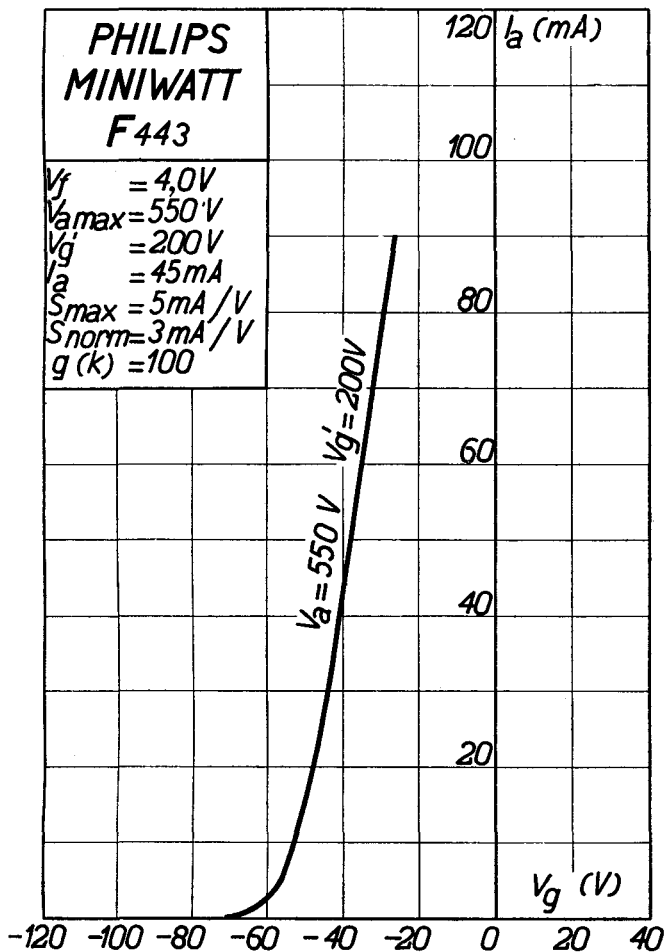
PHILIPS „MINIWATT“

Heizspannung	v_f	= 4,0 V
Tension de chauffage		
Filament voltage		
Heizstrom		ca.
Courant de chauffage	i_f	= env. 2,0 A
Filament current		appr.
Anodenspannung	$v_a \text{ max.}$	= 550 V
Tension anodique		
Anode voltage		
Schirmgitterspannung	$v_{g'}$	= 200 V
Tension de grille-écran		
Screen-grid voltage		
Normaler Anodenstrom	i_a	= 45 mA
Courant anodique normal		
Normal anode current		
Neg. Gittervorspannung		ca.
Polarisation négative de grille	v_g	= env. 40 V
Negative grid bias		appr.
Verstärkungsfaktor	$g(k)$	= 100
Coefficient d'amplification		
Amplification factor		
Steilheit (max.)	$S_{\text{max.}}$	= 5,0 mA/V
Inclinaison (max.)		
Slope (max.)		
Steilheit (norm.)	$S_{\text{norm.}}$	= 3,0 mA/V
Inclinaison (norm.)		
Slope (norm.)		
Innerer Widerstand (norm.)	R_i	= 33000 Ohm
Résistance intérieure (norm.)		
Internal resistance (norm.)		
Anodenverlustleistung	$w_a \text{ max.}$	= 25 W
Dissipation anodique		
Anode dissipation		
Max. Länge	l	= 160 mm
Longueur max.		
Overall length		
Grösster Durchmesser	d	= 67 mm
Diamètre max.		
Max. diameter		
Sockel		= C 4C
Culot		
Base		
Sockelschaltung		= S VIII
Connexion du culot		
Base connection		

Anwendung: Endstufe
 Applications: Tube final
 Function: Power valve

**PHILIPS
MINIWATT
F443**

$V_f = 4,0V$
 $V_{a\max} = 550V$
 $V_g' = 200V$
 $I_a = 45mA$
 $S_{\max} = 5mA/V$
 $S_{\text{norm}} = 3mA/V$
 $g(k) = 100$



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Max. Anodenspannung	V_{ao}	= 900 V
Tension anodique max.	V_{ao}	= 550 V
Max. anode voltage	V_{aL}	
Max. Anodenbelastung	W_u	= 25 W
Dissipation anodique max.		
Max. anode dissipation		
Max. Kathodenstrom	I_c	= 90 mA
Courant cathodique max.		
Max. cathode current		
Max. Schirmgitterspannung	V_{g^1o}	= 900 V
Tension de grille-écran max.	V_{g^1o}	= 200 V
Max. screen-grid voltage	V_g	
Max. Schirmgitterbelastung	W_{g^1}	= 1,8 W
Dissipation de grille-écran max.		
Max. screen-grid dissipation		
Mittlerer Schirmgitterstrom	I_{g^1}	= 6,5 mA
Courant de grille-écran moyen		
Average screen-grid current		
Ungefähre Grenzw. des Schirmgitterstr.	$I_{g^1}^{min.}$	= 3,5 mA
Limites approxim. du cour. de gr.-écran	$I_{g^1}^{max.}$	= 8,5 mA
Approx. limits of screen-grid current		
Gitterstrom-Einsatzpunkt	V_{gi}	= -2 V
Point de commenc. du courant de grille		
Starting point of grid current		
Max. Widerstand im Gitterkreis	R_{g1}	= 0,3 M. Ohm
Résistance max. dans le circuit de grille	R_{g2}	= 0,1 M. Ohm
Max. resistance in grid circuit		
Nutzleistung	W_{01} ($V_{geff} = 11,5$ V)	= 7,6 W
Puissance utile	($R_a = 14000$ Ohm)	
Output	W_{02} ($V_{geff} = 16,2$ V)	= 11,5 W
	($R_a = 14000$ Ohm)	
Kapazitäten	C_{ag}	= 3 μF
Capacités	C_{ak}	= 12 μF
Capacities	C_{gk}	= 14,6 μF

