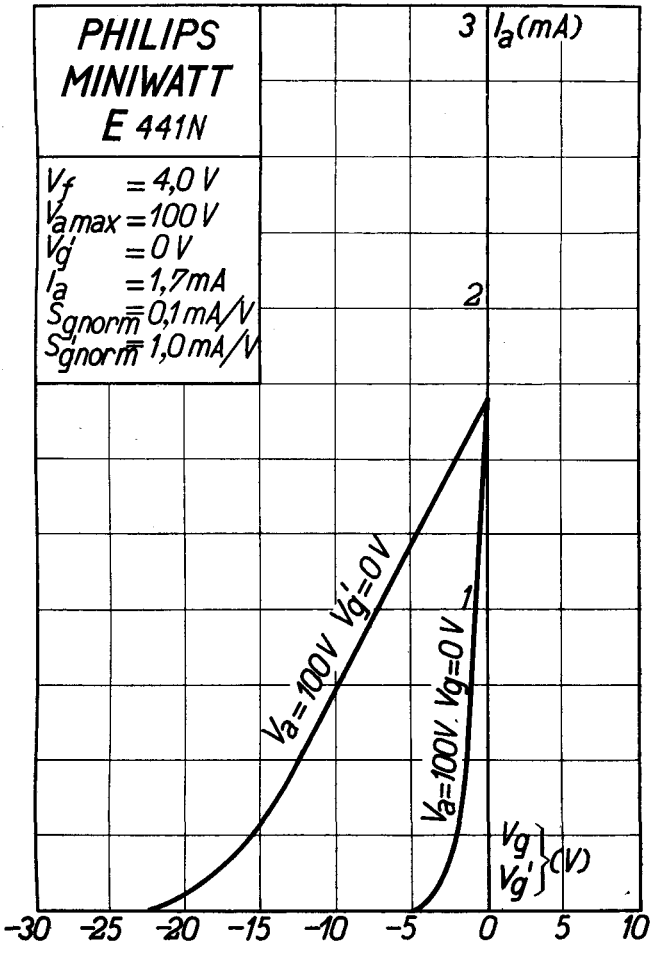
E 441N

PHILIPS „MINIWATT"

Heizspannung Tension de chauffage Filament voltage	V_f	=	4,0 V
Heizstrom Courant de chauffage Filament current	I_f	=	ca. env. 1,0 A appr.
Anodenspannung Tension anodique Anode voltage	$V_{a\ max.}$	=	100 V
Hilfsgitterspannung Tension auxiliaire de grille Auxiliary-grid voltage	V_{g2}	=	0 V
Normaler Anodenstrom Courant anodique normal Normal anode current	I_a	=	1,7 mA
Neg. Gittervorspannung Polarisation négative de grille Negative grid bias	V_{g1}	=	0 V
Steilheit (norm.) Inclinaison (norm.) Slope (norm.)	$S_{norm.}$	=	0,1 mA/V
Steilheit (norm.) Inclinaison (norm.) Slope (norm.)	$S_{g2\ norm}$	=	1,0 mA/V
Max. Länge Longueur max. Overall length	l	=	95 mm
Grösster Durchmesser Diamètre max. Max. diameter	d	=	45 mm
Sockel Culot Base		=	0,35b
Sockelschaltung Connexion du culot Base connection		=	S XII

Anwendung: Oszillator-Modulator
Application: Oscillateur-modulateur
Function: *Oscillator-modulator*


PHILIPS
MINIWATT
E 441N
Vf = 4,0 V
Vamax = 100 V
Vg' = 0 V
Ia = 1,7 mA
Sgnorm = 0,1 mA/V
S'gnorm = 1,0 mA/V
3
Ia(mA)
2
1
Va=100V Vg'=0V
Va=100V. Vg=0V
Vg
Vg'
(V)
-30
-25
-20
-15
-10
-5
0
5
10

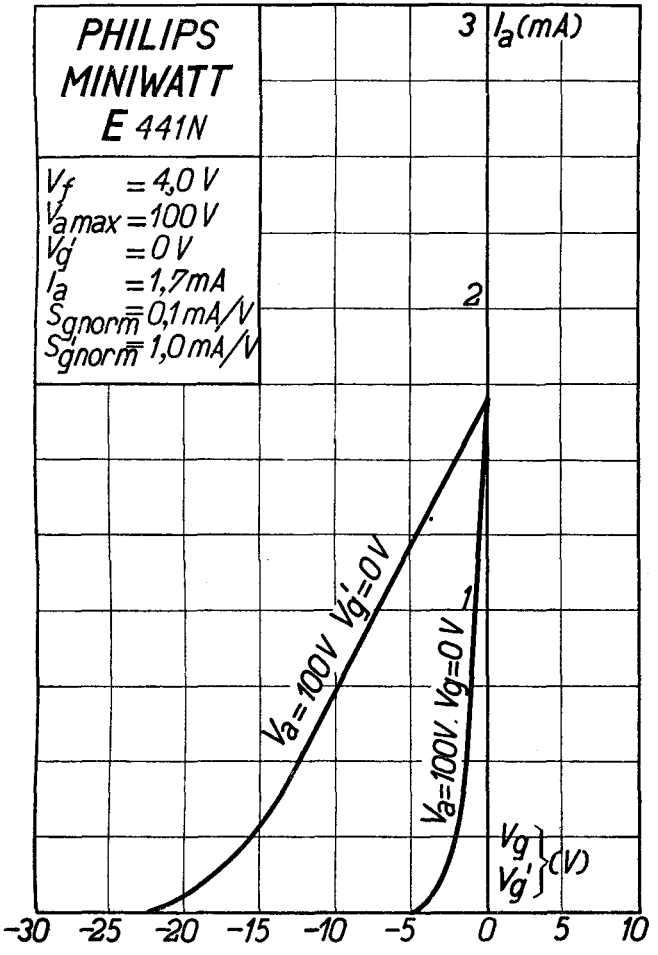
E 441N

PHILIPS „MINIWATT"

Heizspannung Tension de chauffage Filament voltage	V_f	=	4,0 V
Heizstrom Courant de chauffage Filament current	I_f	=	ca. env. 1,0 A appr.
Anodenspannung Tension anodique Anode voltage	$V_{a\,max.}$	=	100 V
Hilfgitterspannung Tension auxiliaire de grille Auxiliary-grid voltage	V_g'	=	0 V
Normaler Anodenstrom Courant anodique normal Normal anode current	I_a	=	1,7 mA
Neg. Gittervorspannung Polarisation négative de grille Negative grid bias	V_g	=	0 V
Steilheit (norm.) Inclinaison (norm.) Slope (norm.)	$S_{g\ norm}$	=	0,1 mA/V
Steilheit (norm.) Inclinaison (norm.) Slope (norm.)	$S_g'_{norm}$	=	1,0 mA/V
Max. Länge Longueur max. Overall length	l	=	95 mm
Grösster Durchmesser Diamètre max. Max. diameter	d	=	45 mm
Sockel Culot Base		=	035b
Sockelschaltung Connexion du culot Base connection		=	S XII

Anwendung: Oszillator-Modulator
Application: Oscillateur-modulateur
Function: Oscillator-modulator

30/11'33


PHILIPS
MINIWATT
E 441N
V_f = 4,0 V
$V_{a\,max}$ = 100 V
V_g' = 0 V
I_a = 1,7 mA
$S_{g\,norm}$ = 0,1 mA/V
$S_{g'\,norm}$ = 1,0 mA/V
3
I_a(mA)
2
1
V_a=100V V_g'=0V
V_a=100V. V_g=0 V
V_g
V_g'
(V)
-30
-25
-20
-15
-10
-5
0
5
10