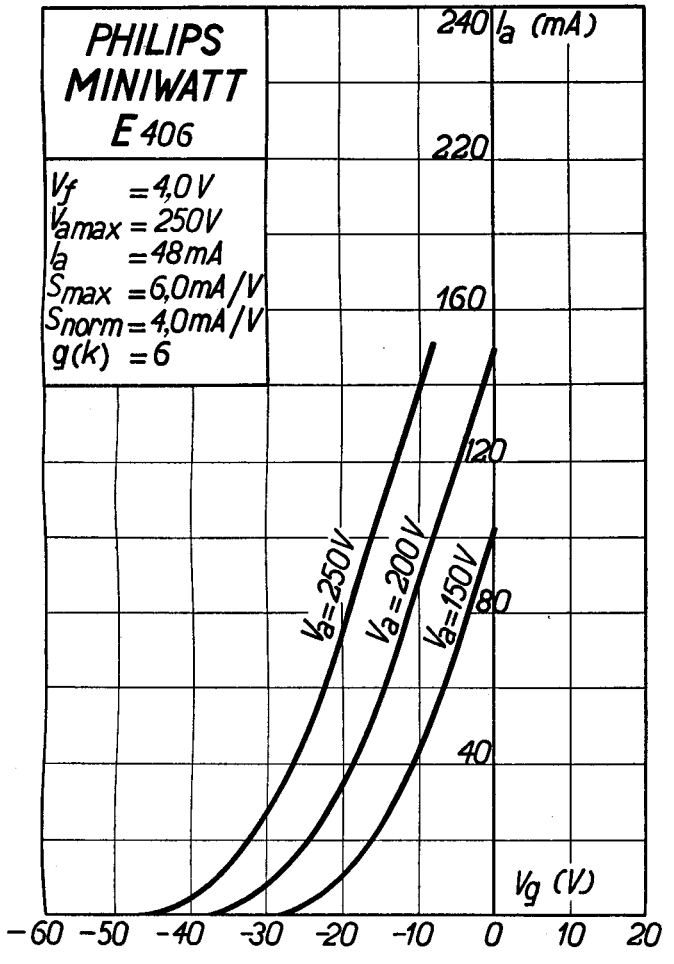
E 406

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	$V_{a\,max}$	=	250 V
Normaler Anodenstrom Courant anodique normal Normal anode current	I_a	=	48 mA
Neg. Gittervorspannung Polarisation négative de grille Negative grid bias	V_g	=	ca. env. 24 V appr.
Verstärkungsfaktor Coefficient d'amplification Amplification factor	$g(k)$	=	6
Steilheit (max.) Inclinaison (max.) Slope (max.)	S_{max}	=	6,0 mA/V
Steilheit (norm.) Inclinaison (norm.) Slope (norm.)	S_{norm}	=	4,0 mA/V
Innerer Widerstand (norm.) Résistance intérieure (norm.) Internal resistance (norm.)	R_i	=	1500 Ohm
Anodenverlustleistung Dissipation anodique Anode dissipation	$W_{a\,max}$	=	12 W
Max. Länge Longueur max. Overall length	l	=	135 mm
Grösster Durchmesser Diamètre max. Max. diameter	d	=	60 mm
Sockel Culot Base		=	A 40
Sockelschaltung Connexion du culot Base connexion		=	S. I

Anwendung: Endstufe
Application: Tube final
Function: Power valve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V_f = 4,0 V
V_{amax} = 250V
I_a = 48mA
S_{max} = 6,0mA/V
S_{norm} = 4,0mA/V
g(k) = 6
240
I_a (mA)
220
160
120
80
40
V_a=250V
V_a=200V
V_a=150V
V_g (V)
−60 −50 −40 −30 −20 −10 0 10 20

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Max. Anodenspannung	V_{ao}	= 500 V
Tension anodique max.		
Max. anode voltage	V_{a_L}	= 250 V

Max. Anodenbelastung		
Dissipation anodique max.	W_a	= 12 W
Max. anode dissipation		

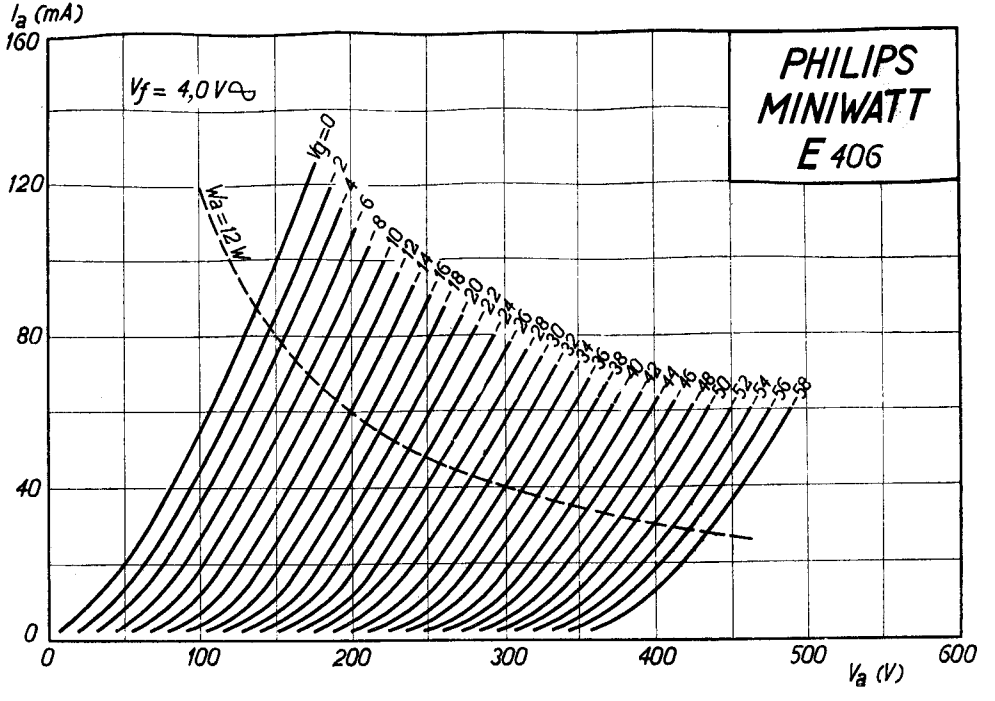
Max. Kathodenstrom		
Courant cathodique max.	I_c	= 70 mA
Max. cathode current		

Gitterstrom-Einsatzpunkt		
Point de commenc. du courant de grille	V_{gi}	= −2 V
Starting point of grid current		

Max. Widerstand im Gitterkreis	R_{g1}	= 0,6 M.Ohm
Résistance max. dans le circuit de grille		
Max. resistance in grid circuit	R_{g2}	= 0,2 M.Ohm

Nutzleistung		
Puissance utile	W_o ($V_{g\,eff}$ = 16 V; R_a = 2500 Ω)	= 1,75 W
Output		

Kapazitäten	C_{ag}	= 2,9 μμF
Capacités	C_{ak}	= 2 μμF
Capacities	C_{gk}	= 9,7 μμF


I_a (mA)
160
120
80
40
0
V_f = 4,0 V
V_g=0
2
4
6
8
10
12
14
16
18
20
22
24
26
28
30
32
34
36
38
40
42
44
46
48
50
52
54
56
58
W_a = 12 W
0
100
200
300
400
500
600
V_a (V)
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