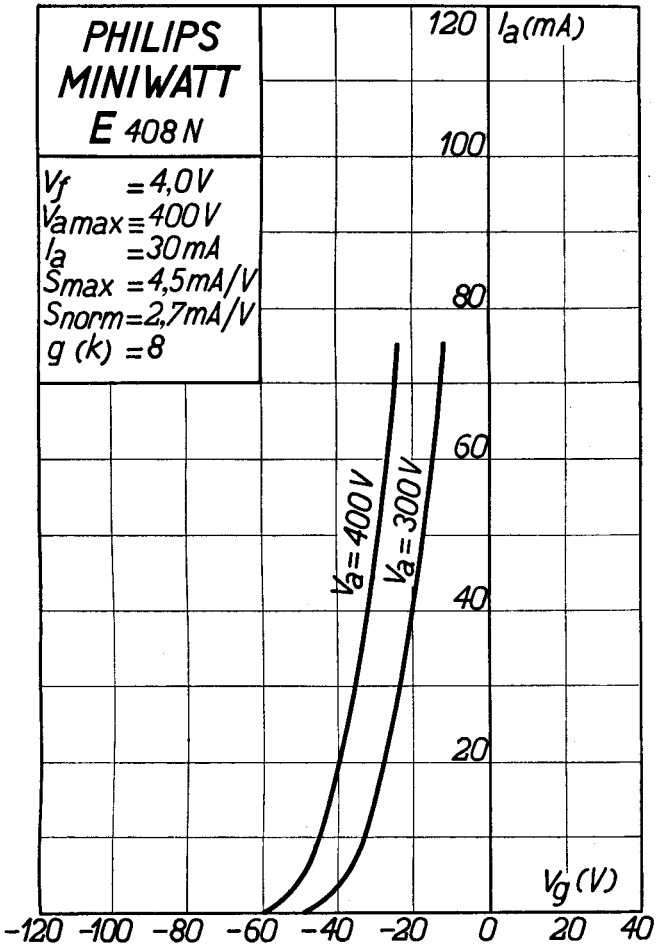
PHILIPS „MINIWATT" E 408N

Heizspannung Tension de chauffage Filament voltage	v_f	=	4,0 V
Heizstrom Courant de chauffage Filament current	i_f	=	ca. env. appr. 1,0 A
Anodenspannung Tension anodique Anode voltage	$v_{a\,max.}$	=	400 V
Normaler Anodenstrom Courant anodique normal Normal anode current	i_a	=	30 mA
Neg. Gittervorspannung Polarisation négative de grille Negative grid bias	v_g	=	ca. env. appr. 36 V
Verstärkungsfaktor Coefficient d'amplification Amplification factor	$g\,(k)$	=	8
Steilheit (max.) Inclinaison (max.) Slope (max.)	$S_{max.}$	=	4,5 mA/V
Steilheit (norm.) Inclinaison (norm.) Slope (norm.)	$S_{norm.}$	=	2,7 mA/V
Innerer Widerstand (norm.) Résistance intérieure (norm.) Internal resistance (norm.)	R_i	=	3000 Ohm
Anodenverlustleistung Dissipation anodique Anode dissipation	$w_{a\,max.}$	=	12 W
Max. Länge Longueur max. Overall length	l	=	118 mm
Grösster Durchmesser Diamètre max. Max. diameter	d	=	57 mm
Sockel Culot Base		=	A 4C
Sockelschaltung Connexion du culot Base connection		=	S. 1

Anwendung: Endstufe
Applications: Tube final
Function: Power valve


PHILIPS
MINIWATT
E 408 N
Vf = 4,0 V
Va max = 400 V
Ia = 30 mA
S max = 4,5 mA/V
S norm = 2,7 mA/V
g (k) = 8
Ia (mA)
120
100
80
60
40
20
Va = 400 V
Va = 300 V
Vg (V)
-120
-100
-80
-60
-40
-20
0
20
40

E 408N

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Max. Anodenspannung	V_{ao}	= 650 V
Tension anodique max.		
Max. anode voltage	V_{aL}	= 400 V

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

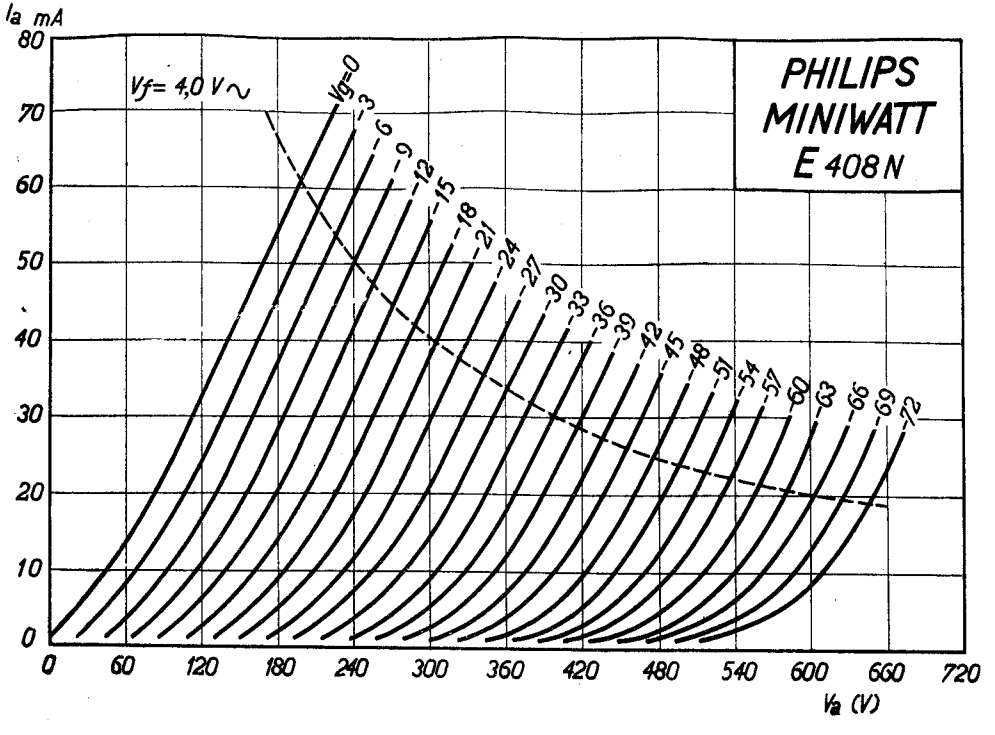
Max. Kathodenstrom		
Courant cathodique max.	I_c	= 60 mA
Max. cathode current		

Gitterstrom-Einsatzpunkt	V_{gi}	= −2 V
Point de commenc. du courant de grille	(V_j = 4 V. $\sim$)	
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	($V_{g\ eff}$ = 25 V)	
Puissance utile	W_o (R_a = 6000 Ω)	= 2,6 W
Output		

Kapazitäten	C_{ag}	= 6,8 $\mu\mu$F
Capacités	C_{ak}	= 2,7 $\mu\mu$F
Capacities	C_{gk}	= 5,0 $\mu\mu$F


Ia mA
80
70
60
50
40
30
20
10
0
Vf= 4,0 V ~
Vg=0
-3
-6
-9
-12
-15
-18
-21
-24
-27
-30
-33
-36
-39
-42
-45
-48
-51
-54
-57
-60
-63
-66
-69
-72
PHILIPS
MINIWATT
E 408 N
0
60
120
180
240
300
360
420
480
540
600
660
720
Va (V)