

PHILIPS

DB 9.4

DG 9.4

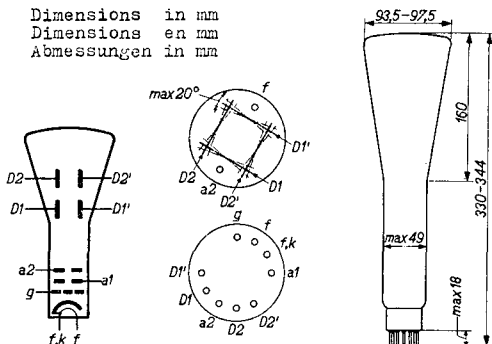
DN 9.4

High vacuum CATHODE RAY TUBE for oscillography
TUBE A RAYONS CATHODIQUES à vide poussé pour oscillographie
Hochvakuum KATHODENSTRAHLRÖHRE für Oszillographie

	<u>DB 9-4</u>	<u>DG 9-4</u>	<u>DN 9-4</u>
Screen	blue	green	persistent
Ecran	bleu	vert	persistent
Schirm	blau	grün	nachleuchtend

Heating:	indirect by A.C.	$V_f = 4,0 \text{ V}$
Chauffage:	indirect par C.A.	$I_f = 1,0 \text{ A}$
Heizung:	indirekt durch Wechselstrom	

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, Culot, Fuss: FJ

Focusing	
Focalisation	electrost.
Fokussierung	

Deflection	double electrostatic
Déviation	électrostatique double
Ablenkung	doppel-elektrostatisch

D1D1' symmetr.

D2D2' symmetr.

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Capacitances
Capacités
Kapazitäten

$C_g = 8 \text{ pF}$
 $C_{D1} = 9,5 \text{ pF}$
 $C_{D1'} = 9,5 \text{ pF}$
 $C_{D2} = 10 \text{ pF}$
 $C_{D2'} = 10 \text{ pF}$
 $C_{D1D1'} = 1,1 \text{ pF}$
 $C_{D2D2'} = 1,3 \text{ pF}$

Net weight
Poids net
Nettogewicht

330 g

Shipping weight
Poids brut
Bruttogewicht

840 g

Line width

Epaisseur de la ligne
Linienbreite

($V_{a2} = 1000 \text{ V}$)
($I_f = 0,5 \text{ mA}$)

0,7 mm¹⁾

Operating conditions

Caractéristiques d'utilisation

Betriebsdaten

$V_{a2} = 1000 \text{ V}$
 $V_{a1} = 200 - 400 \text{ V}$
 $-V_g = 0 - 40 \text{ V}$
 $N1 = 0,40 \text{ mm/V}$
 $N2 = 0,31 \text{ mm/V}$

Limiting values

Caractéristiques limites

Grenzdaten

$V_{a2} = \text{max. } 1200 \text{ V}$
 $V_{a1} = \text{max. } 500 \text{ V}$
 $V_g = \text{max. } 0 \text{ V}$
 $-V_g = \text{max. } 200 \text{ V}$
 $V_{D1D1'p} = \text{max. } 350 \text{ V}$
 $V_{D2D2'p} = \text{max. } 450 \text{ V}$
 $W_f = \text{max. } 3 \text{ mW/cm}^2$
 $R_D = \text{max. } 2,5 \text{ M}\Omega$
 $R_g = \text{max. } 1,5 \text{ M}\Omega$

¹⁾ Measured on a circle of 50 mm diameter
Mesuré à un cercle de 50 mm diamètre
Gemessen an einem Kreis von 50 mm Durchmesser

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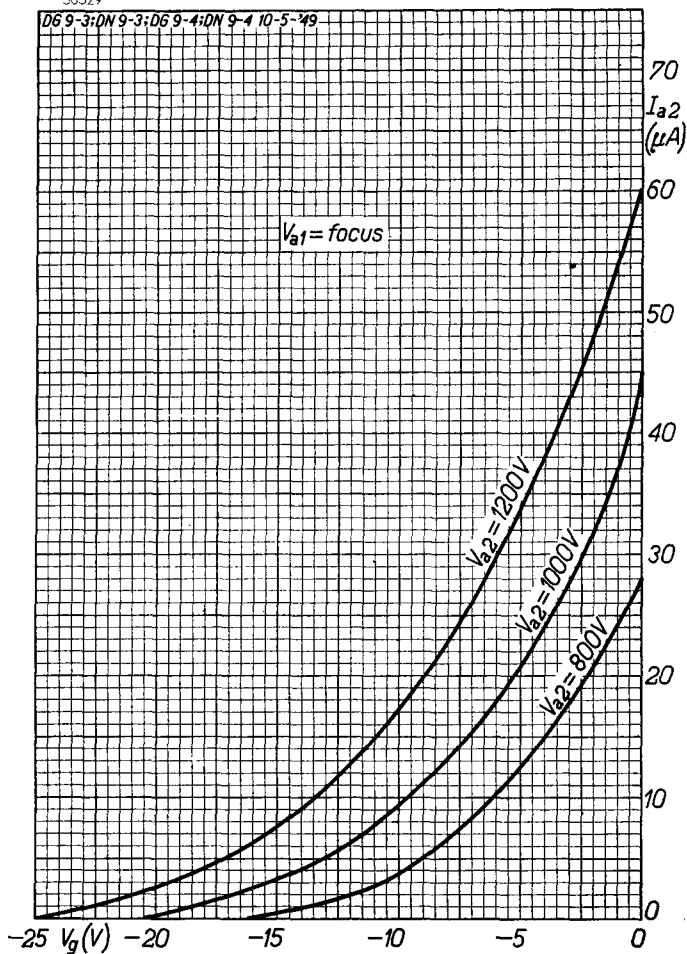
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DG 9-4

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D6 9-3; DN 9-3; D6 9-4; DN 9-4 10-5-49



10.10.1949

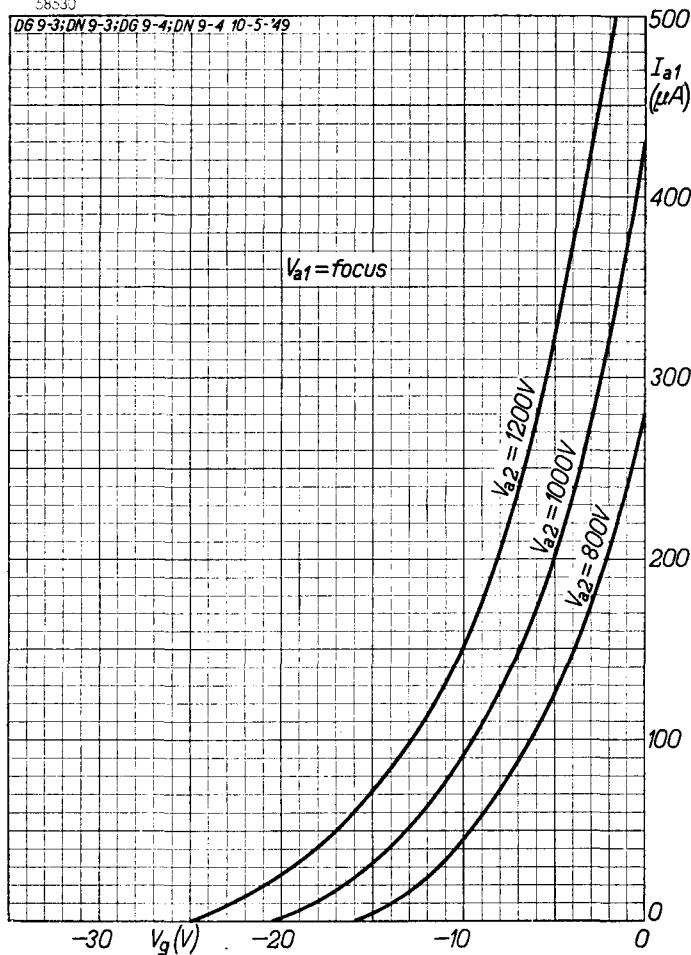
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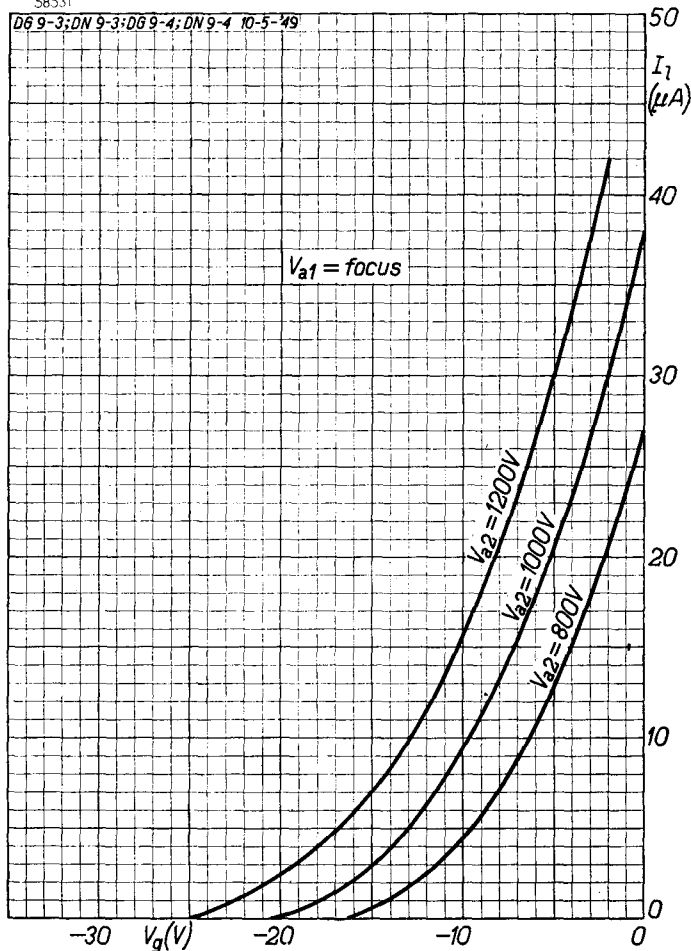
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DG 9-4

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10.10.1949

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4	B	1949.10.10
5	C	1949.10.10
6	FP	2000.09.24