

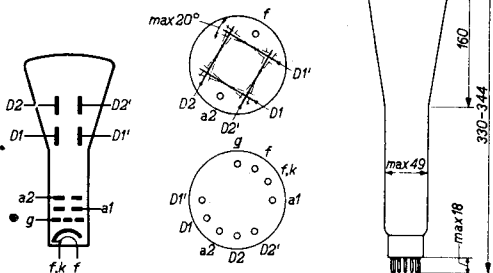
High vacuum CATHODE RAY TUBE for oscillography
 TUBE A RAYONS CATHODIQUES à vide poussé pour oscillographie
 Hochvakuum KATHODENSTRAHLRÖHRE für Oszillographie

	<u>DB 9-3</u>	<u>DG 9-3</u>	<u>DN 9-3</u>
Screen	blue	green	persistent
Ecran	bleu	vert	persistant
Schirm	blau	grün	nachleuchtend

Heating: indirect by A.C.
 Chauffage: indirect par C.A.
 Heizung: indirekt durch Wechselstrom

Vf = 4,0 V
 If = 1 A

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, Culot, Fuss: FJ

Focusing
 Focalisation
 Fokussierung

electrost.

Deflection
 Déviation
 Ablenkung

double electrostatic
 électrostatique double
 doppel-elektrostatisch

D1D1' symmetr.
 D2D2' asymmetr.

D2' has to be connected to a₂
 D2' est à connecter à a₂
 D2' soll mit a₂ verbunden werden

DB 9.3

DG 9.3

DN 9.3

PHILIPS

Capacitances

Capacités

Kapazitäten

Cg = 8 pF

CD1 = 9,5 pF

CD1' = 9,5 pF

CD2 = 10 pF

CD2' = 10 pF

CD1D1' = 1,1 pF

CD2D2' = 1,4 pF

Net weight

Poids net 325 g

Nettogewicht

Shipping weight

Poids brut 750 g

Bruttogewicht

4 pieces

4 pièces 2500 g

4 Stück

Line width

Epaisseur de la ligne

Linienbreite

(Va2 = 1000 V)

(I_f = 0,5 μA)0,7 mm¹)

Operating conditions

Caractéristiques d'utilisation

Betriebsdaten

Va2 = 1000 V

Va1 = 200 - 400 V

-Vg = 0 - 40 V

N1 = 0,40 mm/V

N2 = 0,31 mm/V

Limiting values

Caractéristiques limites

Grenzdaten

Va2 = max. 1200 V

VD1D1' = max. 350 V²⁾

Va1 = max. 500 V

VD2D2' = max. 450 V²⁾

Vg = max. 0 V

W_f = max. 3 mW/cm²

-Vg = max. 200 V

RD = max. 2,5 MΩ

Rg = max. 1,5 MΩ

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

²) Peak value; valeur de crête; Scheitelwert

PHILIPS

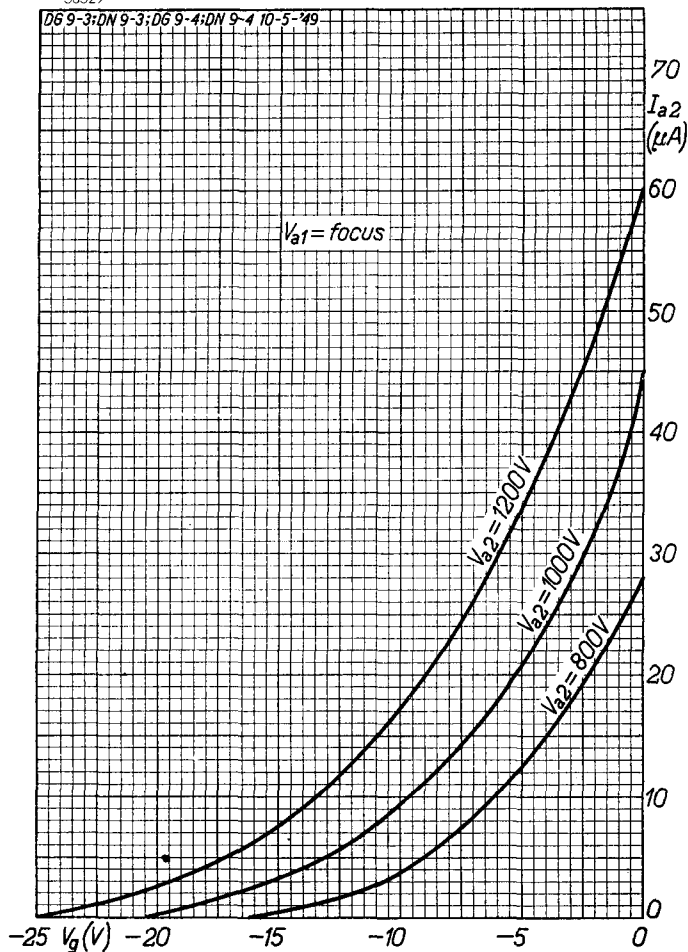
DB 9-3

DG 9-3

DN 9-3

58529

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



10.10.1949

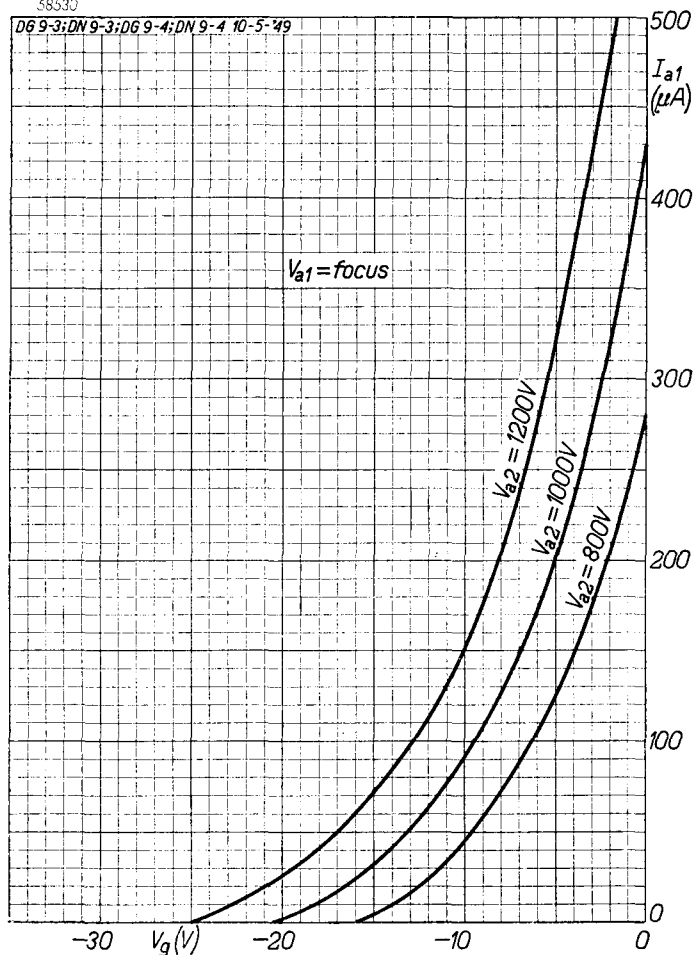
A

DB 9-3
DG 9-3
DN 9-3

PHILIPS

58530

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



B.

PHILIPS

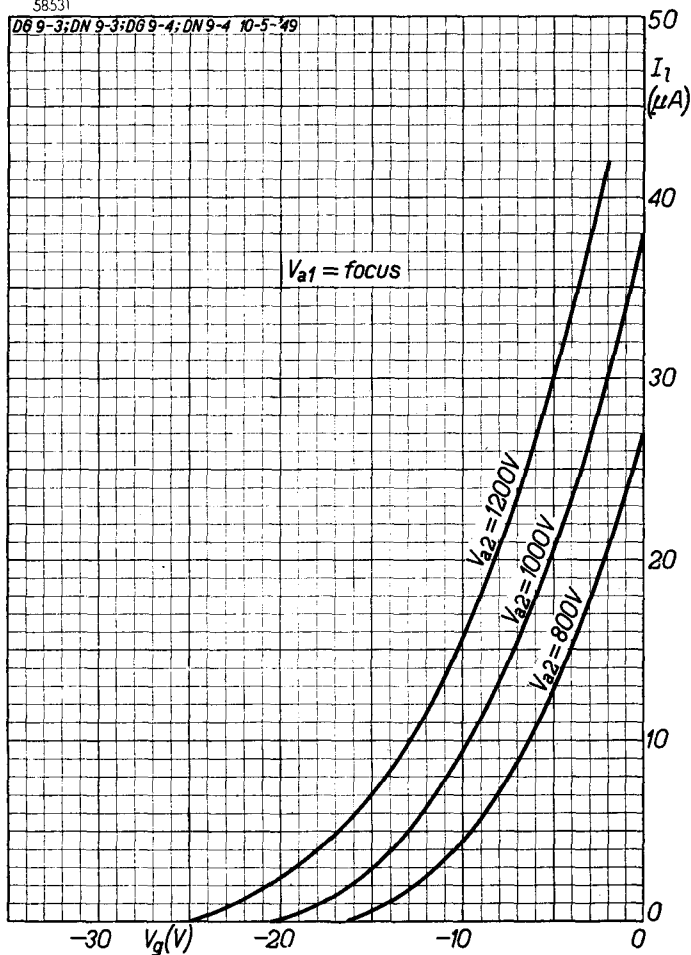
DB 9-3

DG 9-3

DN 9-3

58531

DB 9-3; DN 9-3; DG 9-4; DN 9-4 10-5-49



10.10.1949

C



DB9-3 DG9-3 DN9-3

page	sheet	date
1	1	1949.10.10
2	2	1949.10.10
3	A	1949.10.10
4	B	1949.10.10
5	C	1949.10.10
6	FP	2000.09.24