

CATHODE RAY TUBE for oscillography
TUBE A RAYONS CATHODIQUES pour oscillographie
KATHODENSTRAHLRÖHRE für Oszillographie

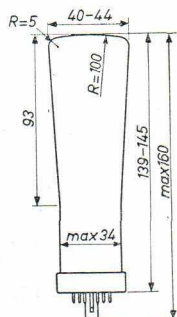
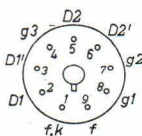
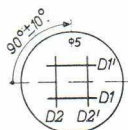
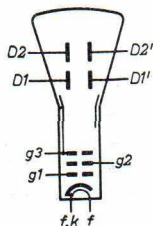
Screen Ecran Schirm		Fluorescence Fluorescence Fluoreszenz	Persistence Persistance Persistenz
	DB 4-2	blue bleu blau	short courte kurz
	DG 4-2	green vert grün	medium moyenne mittel
	DP 4-2	blue and greenish-yellow bleu et jaune-verdâtre blau und grünlich-gelb	short long courte longue kurz lang

Heating: : indirect by A.C. or D.C.
Chauffage: indirect par C.A. ou C.C.
Heizung : indirekt durch Wechsel-
oder Gleichstrom

$V_f = 6,3 \text{ V}$

$I_f = 0,31 \text{ A}$

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: Engl. Loctal 9-p

D2 has to be connected to g3
D2 est à connecter à g3
D2 ist mit g3 zu verbinden

Earthing of g3 is recommended
Il est recommandé de mettre g3 à la terre
Es empfiehlt sich g3 zu erden

DB 4.2
DG 4.2
DP 4.2

PHILIPS

Focusing electrostatic
Concentration électrostatique
Fokussierung elektrostatisch

Deflection double electrostatic D1D1' symmetr.
Déviation électrostatique double D2D2' asymmetr.
Ablenkung doppel-elektrostatisch

Capacitances
Capacités
Kapazitäten

C_{g1}	=	10 pF	$C_{D2'}$	=	4,5 pF
C_{D1}	=	5,3 pF	$C_{D1D1'}$	=	0,6 pF
$C_{D1'}$	=	5,3 pF	$C_{D2D2'}$	=	0,8 pF
C_{D2}	=	4,5 pF	$C_{D1D1' - D2D2'}$	=	0,1 pF

Line width (V_{g3} = 800 V)
Epaisseur de la ligne (I_{ℓ} = 0,5 μ A) 0,7 mm¹⁾
Linienbreite

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

V_{g3}	=	800 V
V_{g2}	=	200-300 V
$-V_{g1}$	=	0-50 V
N_1	=	0,25 mm/V
N_2	=	0,16 mm/V

Limiting values
Caractéristiques limites
Grenzdaten

V_{g3}	= max.	1000 V	$V_{D1D1'p}$	= max.	450 V
V_{g3}	= min.	800 V	$V_{D2D2'p}$	= max.	750 V
V_{g2}	= max.	400 V	W_{ℓ}	= max.	3 mW/cm ²
V_{g1}	= max.	0 V	R_D	= max.	5 M Ω
$-V_{g1}$	= max.	100 V	R_{g1}	= max.	0,5 M Ω

¹⁾ Measured on a circle of 30 mm diameter
Mesuré à un cercle de 30 mm diamètre
Gemessen an einem Kreis von 30 mm Durchmesser

PHILIPS

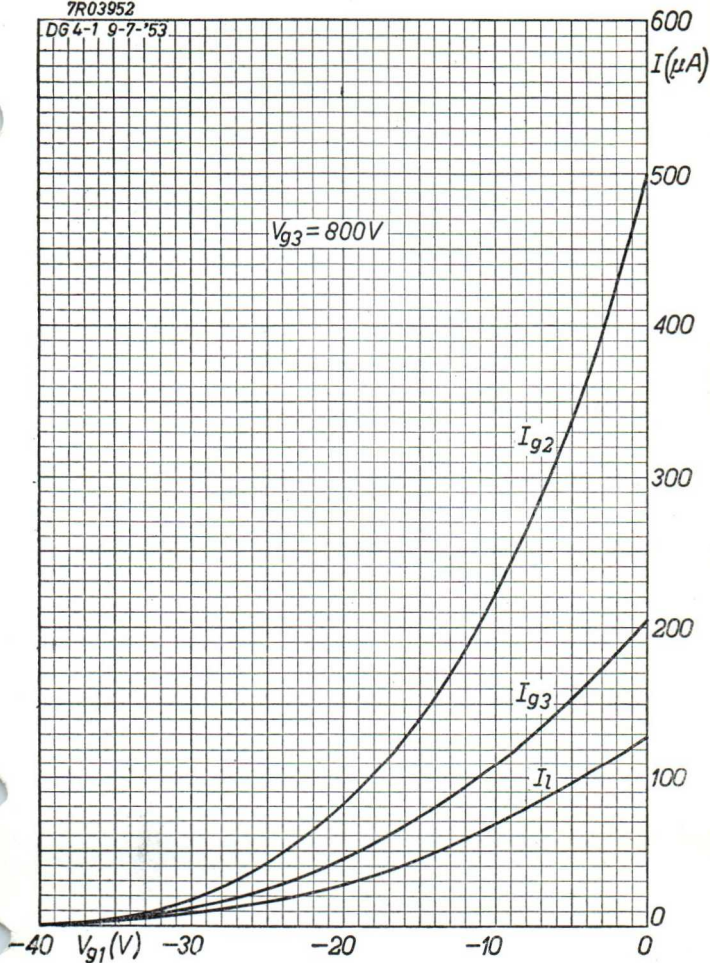
DB 4-2

DG 4-2

DP 4-2

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DG 4-1 9-7-'53



7.7.1953

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