PHILIPS

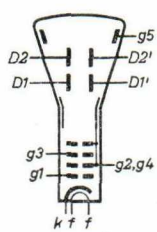
DB 10-6
DG 10-6
DP 10-6
DR 10-6

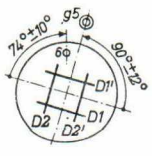
CATHODE RAY TUBE for oscillography
TUBE A RAYONS CATHODIQUES pour oscillographie
KATHODENSTRAHLRÖHRE für Oszillographie

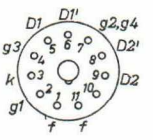
Screen Ecran Schirm		Fluorescence Fluorescence Fluoreszenz	Persistence Persistance Persistenz
	DB 10-6	blue bleu blau	short courte kurz
	DG 10-6	green vert grün	medium moyenne mittel
	DP 10-6	blue and greenish-yellow bleu et jaune-verdâtre blau und grünlich-gelb	short long courte longue kurz lang
	DR 10-6	greenish-yellow jaune-verdâtre grünlich-gelb	long longue lang

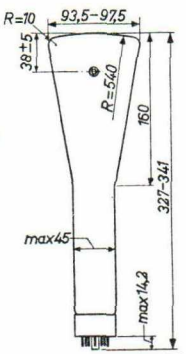
Heating : indirect by A.C. or D.C. Vf = 6,3 V
Chauffage: indirect par C.A. ou C.C. If = 0,3 A
Heizung : indirekt durch Wechsel- oder Gleichstrom

Dimensions in mm
Dimensions en mm
Abmessungen in mm









Base, culot, Sockel: Magnal

Earthing of g2,g4 is recommanded
Il est recommandé de mettre g2,g4 à la terre
Es empfiehlt sich g2,g4 zu erden

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Focusing electrostatic
Concentration électrostatique
Fokussierung elektrostatisch

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

Capacitances
Capacités
Kapazitäten

C_k = 6,0 pF	$C_{D2'}$	=	5,5 pF
C_{g1} = 4,6 pF	$C_{D1D1'}$	=	1,9 pF
C_{D1} = 4,7 pF	$C_{D2D2'}$	=	2,5 pF
$C_{D1'}$ = 4,7 pF	$C_{k-D1D1'D2D2'}$	=	0,6 pF
C_{D2} = 5,5 pF	$C_{g1-D1D1'D2D2'}$	=	0,15 pF
	$C_{D1D1'-D2D2'}$	=	0,2 pF

Line width
Epaisseur de la ligne
Linienbreite

(V_{g5}=2000 V, $V_{g2,g4}$ =2000 V, I_f = 0,5 µA) 0,4 mm[1])
(V_{g5}=4000 V, $V_{g2,g4}$ =2000 V, I_f = 0,5 µA) 0,3 mm[1])

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

V_{g5}	= 2000	4000	V
$V_{g2,g4}$	= 2000	2000	V
V_{g3}	= 400-720	400-720	V
$-V_{g1}$	= 45-100	45-100	V
N_1	= 0,32-0,38	0,25-0,31	mm/V
N_2	= 0,24-0,30	0,19-0,25	mm/V

Limiting values
Caractéristiques limites
Grenzdaten

V_{g5}	= max. 5000 V	$V_{D2D2'p}$	= max. 450 V
$V_{g2,g4}$	= max. 2500 V	$W_{g2,g4}$	= max. 4 W
V_{g3}	= max. 1000 V	W_f	= max. 3 mW/cm^2
V_{g1}	= max. 0 V	R_D	= max. 5 MΩ
$-V_{g1}$	= max. 150 V	R_{g1}	= max. 1,5 MΩ
$V_{D1D1'p}$	= max. 450 V	V_{kf}	= max. 125 V

[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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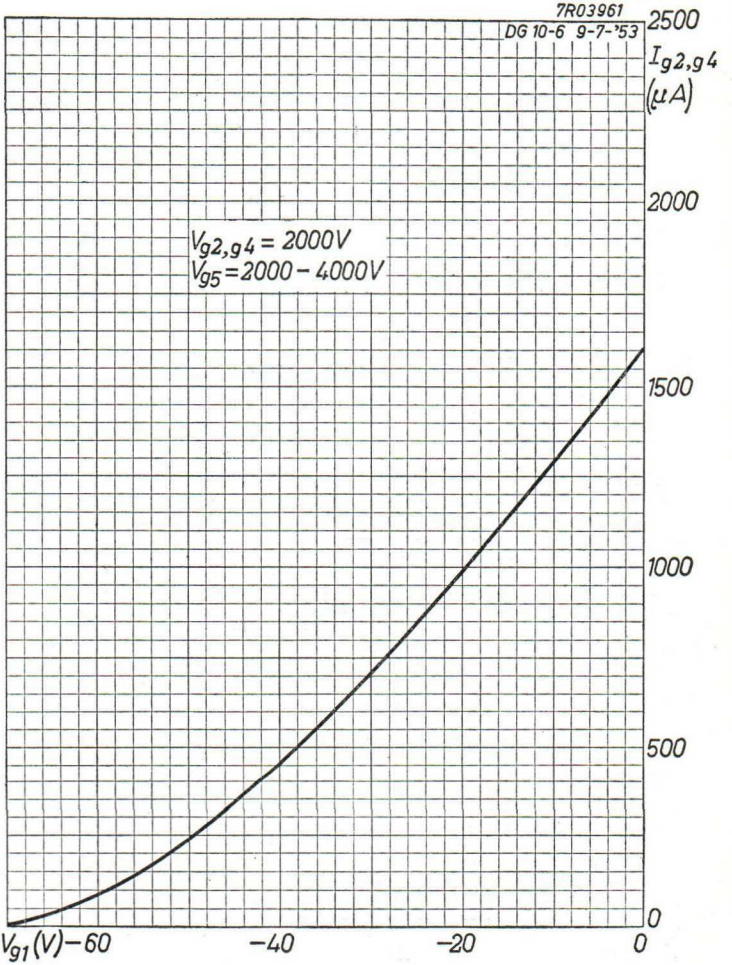

7.7.1953

A

DB 10-6
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DR 10-6

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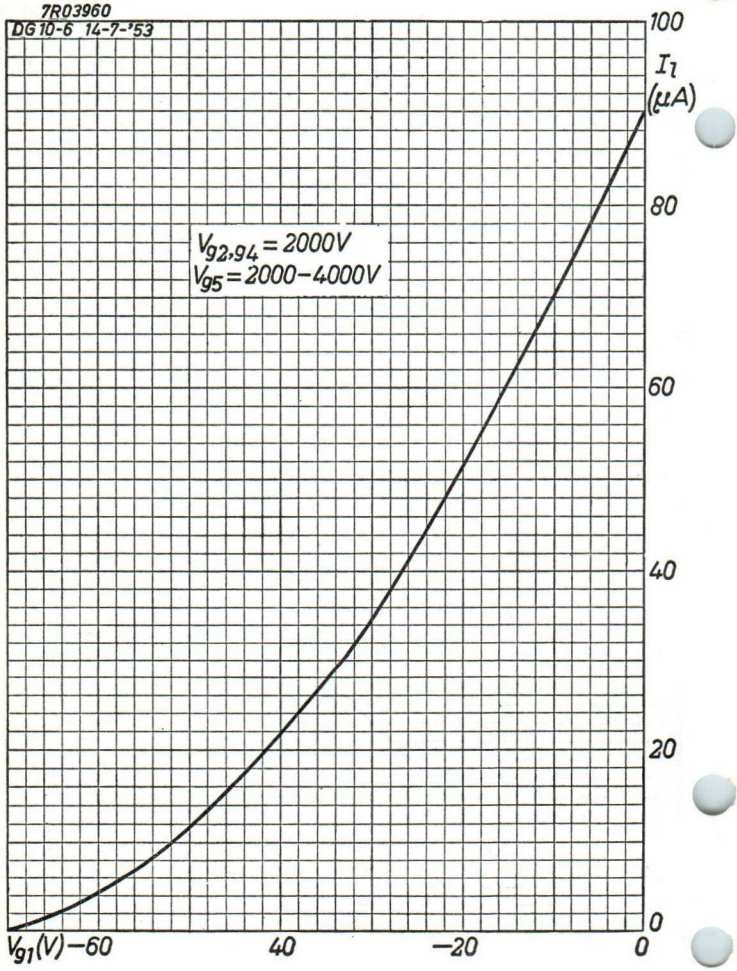

B