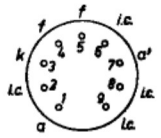
PHILIPS EZ 81

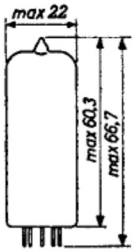
High vacuum DOUBLE ANODE RECTIFYING TUBE
REDRESSEUR BIPLAQUE à vide poussé
Hochvakuum ZWEIANODIGE GLEICHRICHTERRÖHRE

Heating : indirect by A.C.; parallel supply
Chauffage: indirect par C.A.; alimentation parallèle
Heizung : indirekt durch Wechselstrom; Parallelheizung

V_f = 6,3 V
I_f = 1 A

Dimensions in mm
Dimensions en mm
Abmessungen in mm





Base, culot, Sockel: **NOVAL**

Operating characteristics
Caractéristiques d'utilisation
Betriebsdaten

V_{tr}	=	2x250	2x300	2x350	Veff
C_{filt}	=	50	50	50	µF
R_t	=	2x150	2x200	2x240	Ω
I_o	=	150	150	150	mA
V_o	=	245	293	347	V

Limiting values
Caractéristiques limites
Grenzdaten

V_{tr}	= max.	350			Veff
$V_{a\ inv}$	= max.	1			kV
I_o	= max.	150			mA
I_{ap}	= max.	450			mA
V_{kf} (k pos; f neg.)	= max.	500			V
V_{tr}	=	2x250	2x300	2x350	Veff
R_t	= min.	150	min. 200	min. 240	Ω [1]

[1]) Each anode
Chaque anode
Jede Anode

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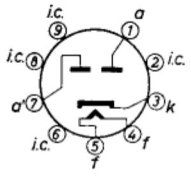

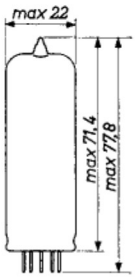

Base, culot, Sockel: NOVAL

Operating characteristics with capacitor input filter (see page C). ←
Caractéristiques d'utilisation avec filtre avec condensateur d'entrée (voir page C).
Betriebsdaten mit Filter mit Kondensatoreingang (siehe Seite C)

V_{tr}	=	2x250	2x350	2x450	V_{eff}
Cfilt	=	50	50	50	µF
Rt	=	2x150	2x230	2x310	Ω
I_o	=	160	150	100	mA
V_o	=	245	352	497	V

Operating characteristics with choke input filter (See page D) ←
Caractéristiques d'utilisation avec filtre avec inductance d'entrée (voir page D)
Betriebsdaten mit Filter mit Drosseleingang (siehe Seite D)

V_{tr}	=	2x250	2x350	2x450	V_{eff}
L	=	10	10	10	H
I_o	=	180	180	150	mA
V_o	=	199	288	378	V

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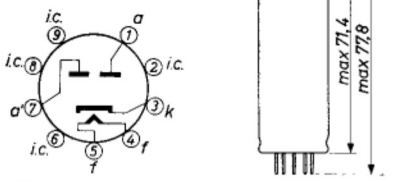
Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: NOVAL

Operating characteristics with capacitor input filter (see page C). ←
Caractéristiques d'utilisation avec filtre avec condensateur d'entrée (voir page C).
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→ Limiting values (design centre values)
Caractéristiques limites (limites moyennes)
Grenzdaten (Normalgrenzdaten)

$V_{a\ inv\ p}$	= max.	1,3	kV
$I_{a\ p}$	= max.	500	mA
$I_{a\ surge}$	= max.	1,8	A
V_{kf} (k pos.)	= max.	500	V
C_{filt}	= max.	50	µF
I_o max.	see page / voir page / siehe Seite		B
V_{tr} max.	see page / voir page / siehe Seite		B
$R_{t\,min}$	see page / voir page / siehe Seite		E
L min	see page / voir page / siehe Seite		D

Limiting values (design centre values)
Caractéristiques limites (limites moyennes)
Grenzdaten (Normalgrenzdaten)

$V_{a\ inv\ p}$	= max.	1,3	kV
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$I_{a\ surge}$	= max.	1,8	A
$V_{kf\ (k\ pos.)}$	= max.	500	V
C_{filt}	= max.	50	µF
I_o max.	see page B voir page B siehe Seite B		
V_{tr} max.			
$R_{t_{min}}$	see page E voir page E siehe Seite E		
L min	see page D voir page D siehe Seite D		

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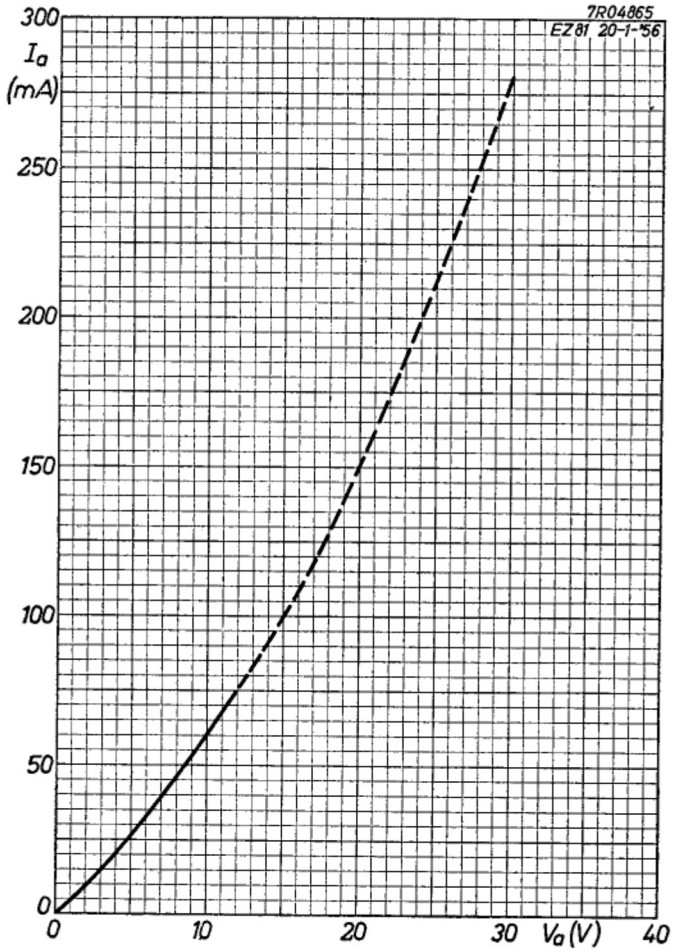
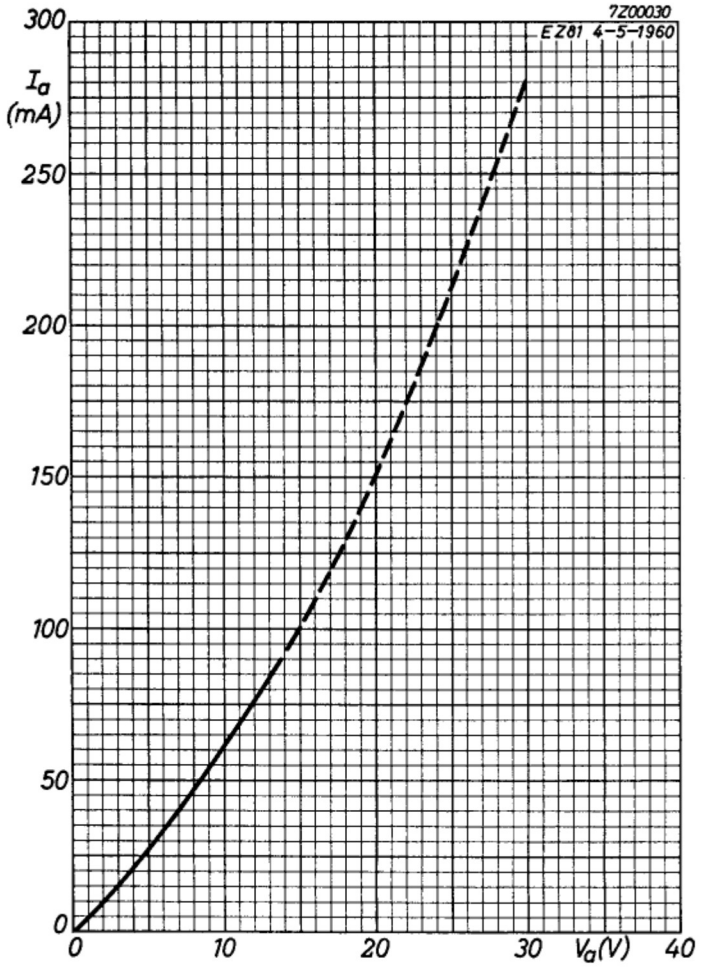


2.2.1956

A

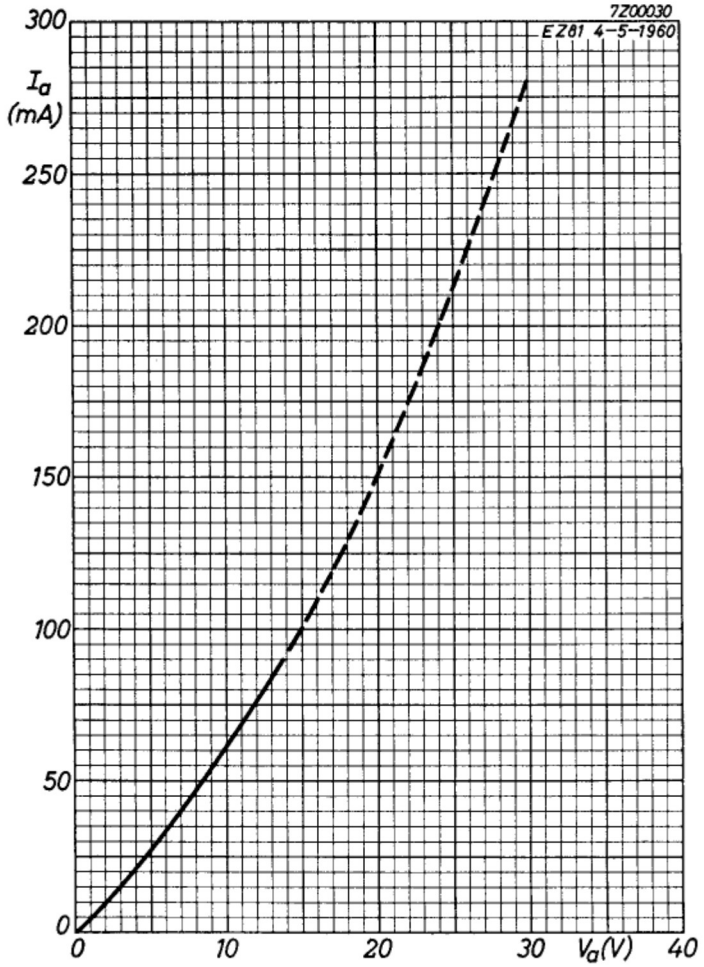
PHILIPS **EZ 81**



5.5.1960

A

PHILIPS **EZ 81**



5.5.1960

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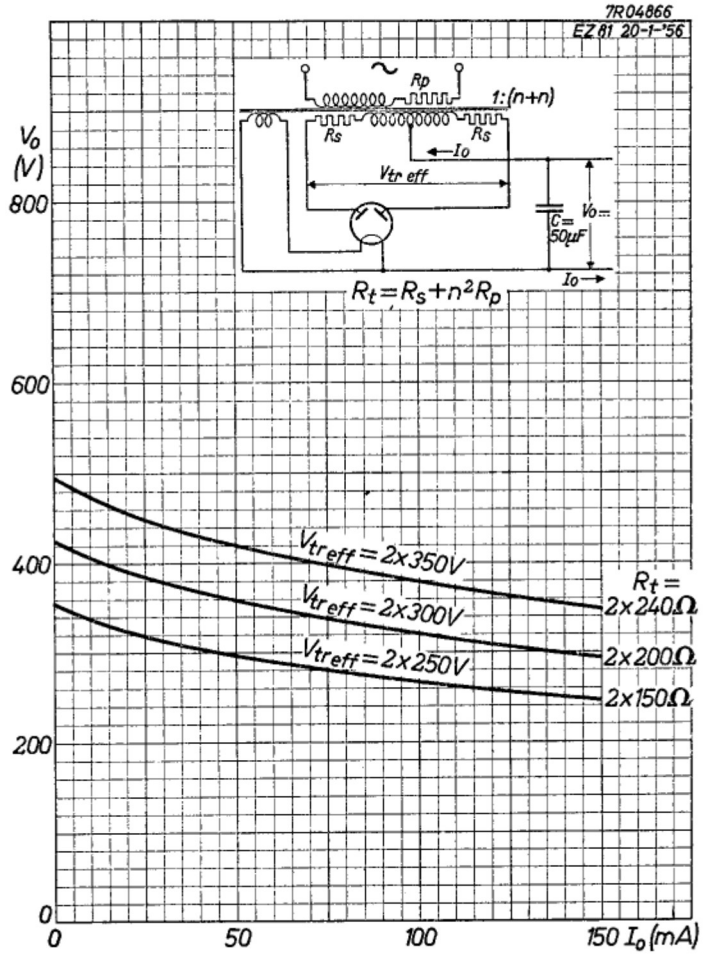
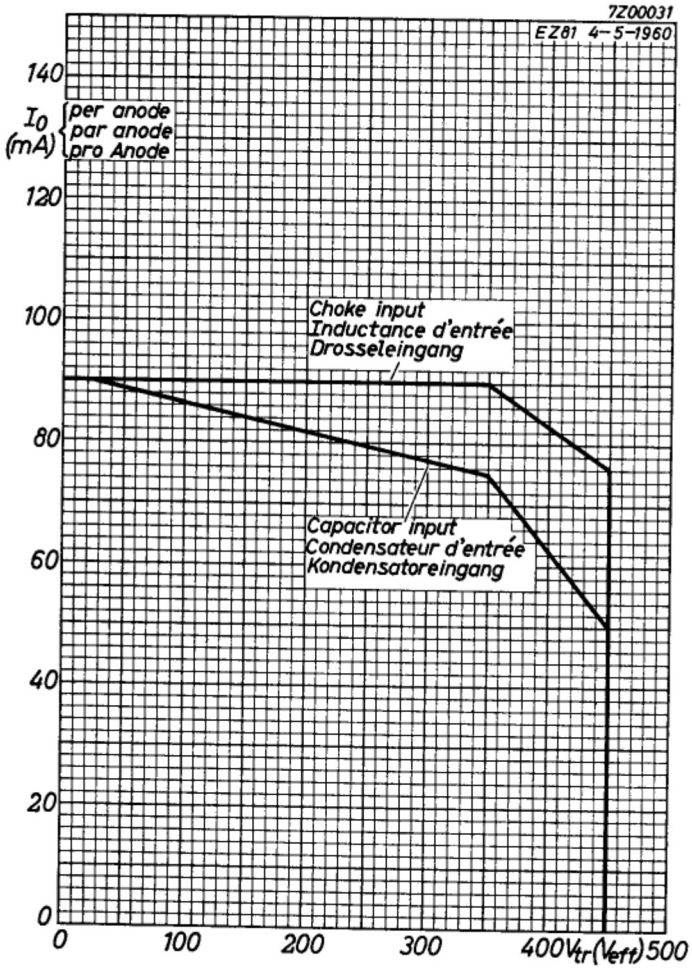
EZ 81 PHILIPS



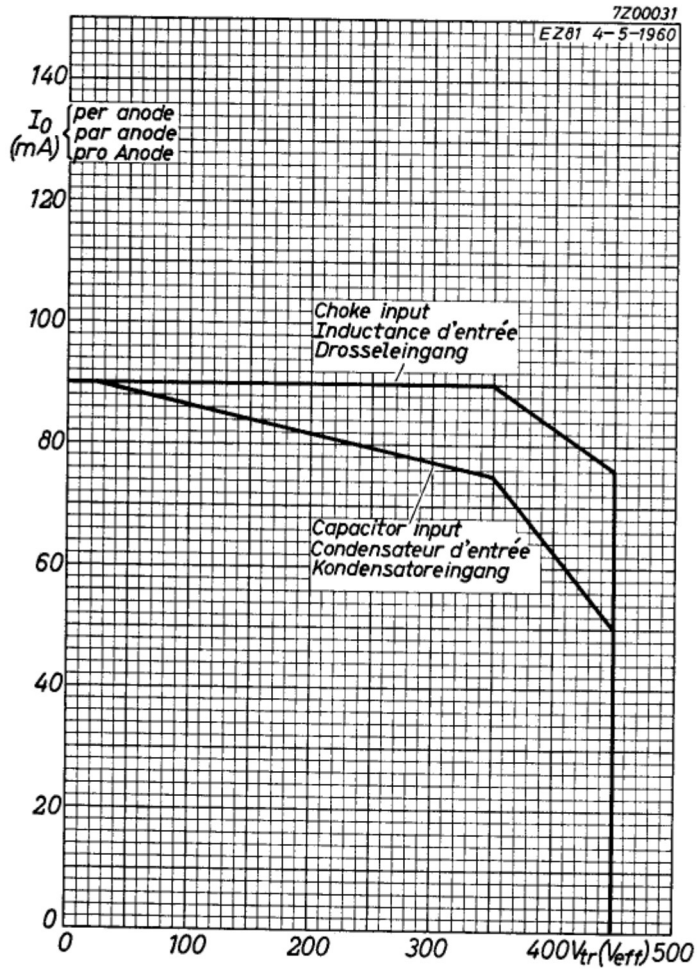
B

EZ 81 **PHILIPS**



B

EZ 81 PHILIPS



B

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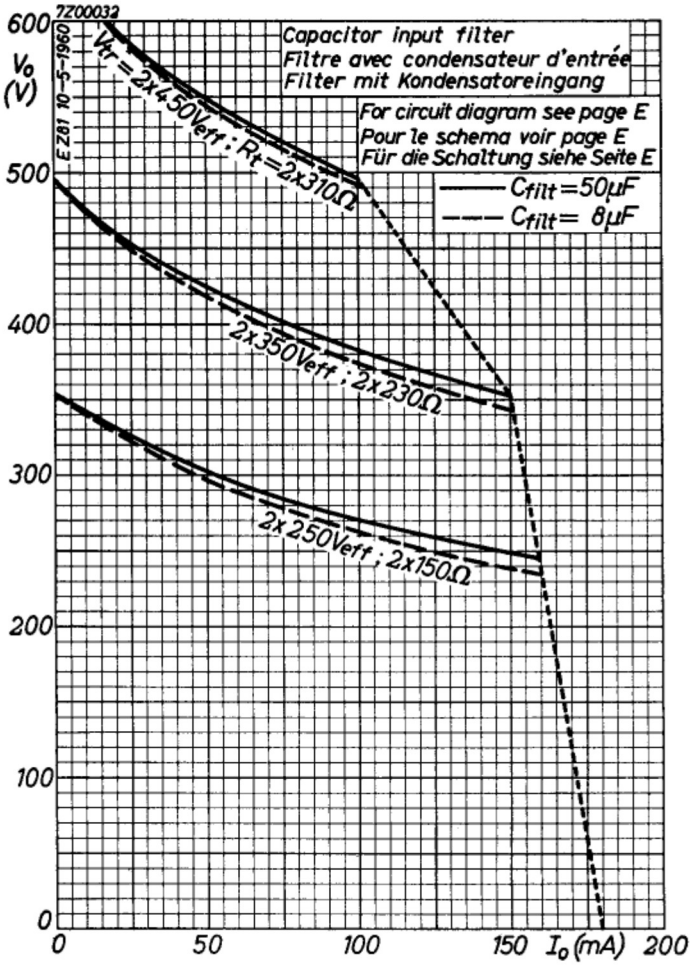
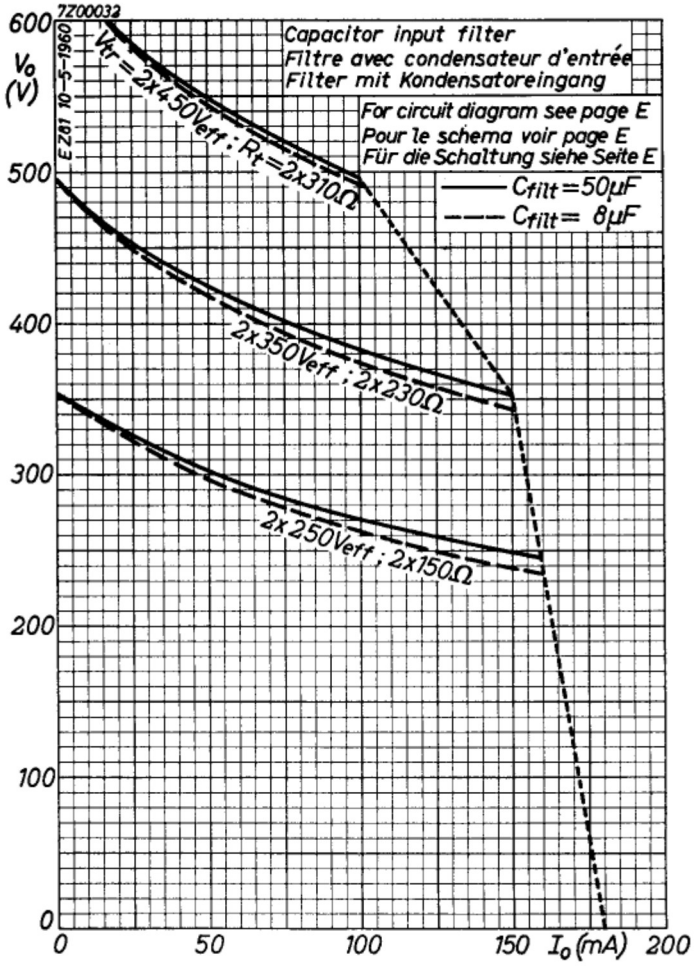


5.5.1960 C

PHILIPS **EZ 81**



5.5.1960 C

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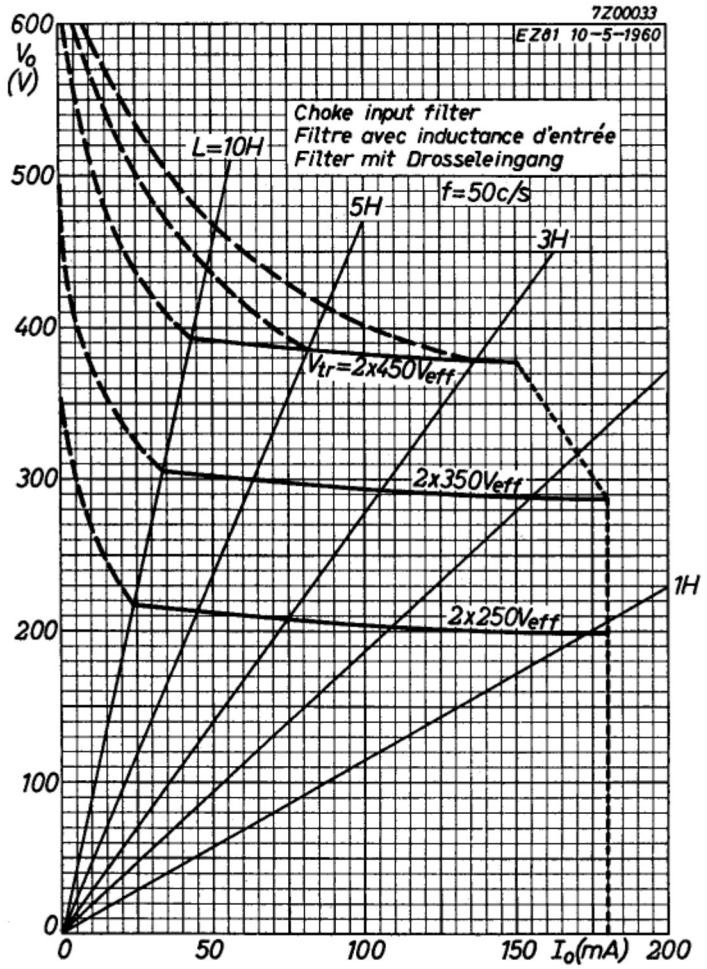
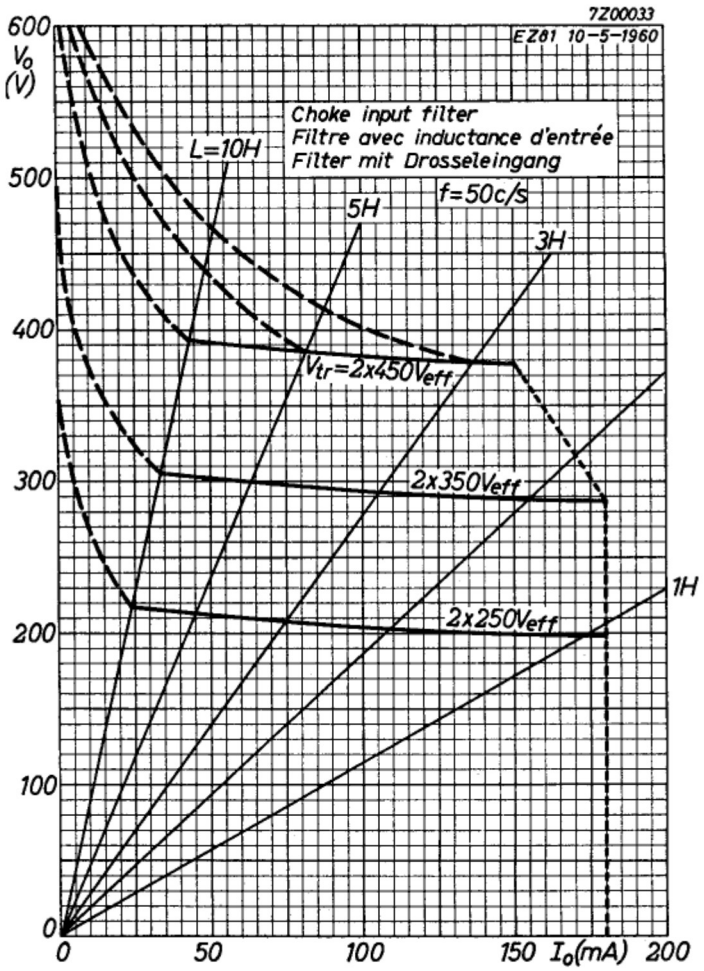


D

EZ 81 **PHILIPS**



D

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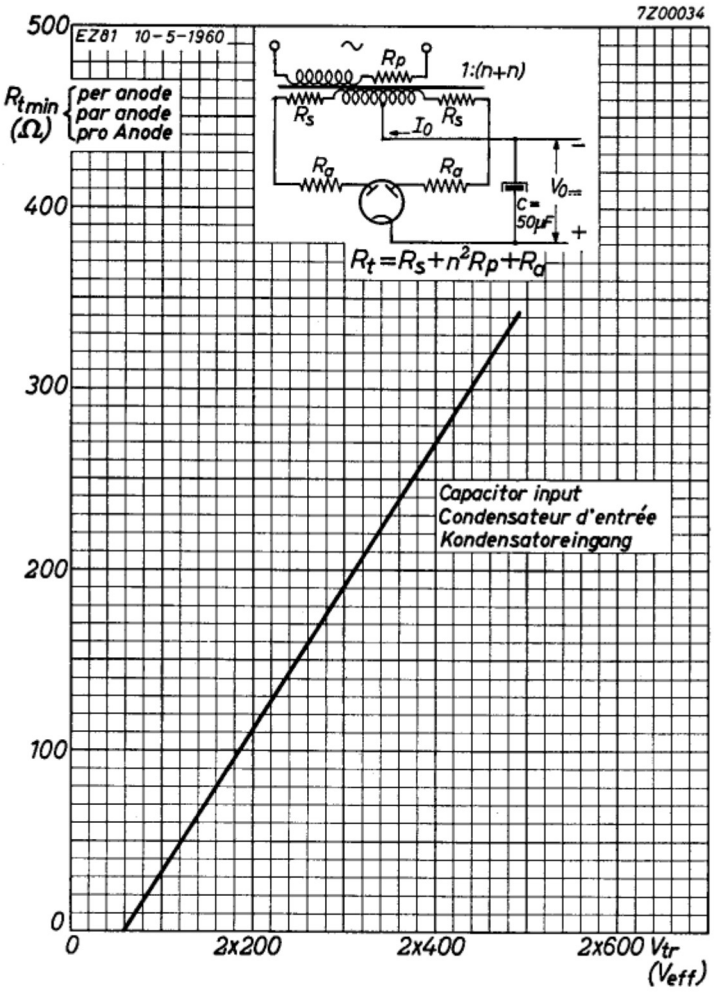

5.5.1960

E

PHILIPS

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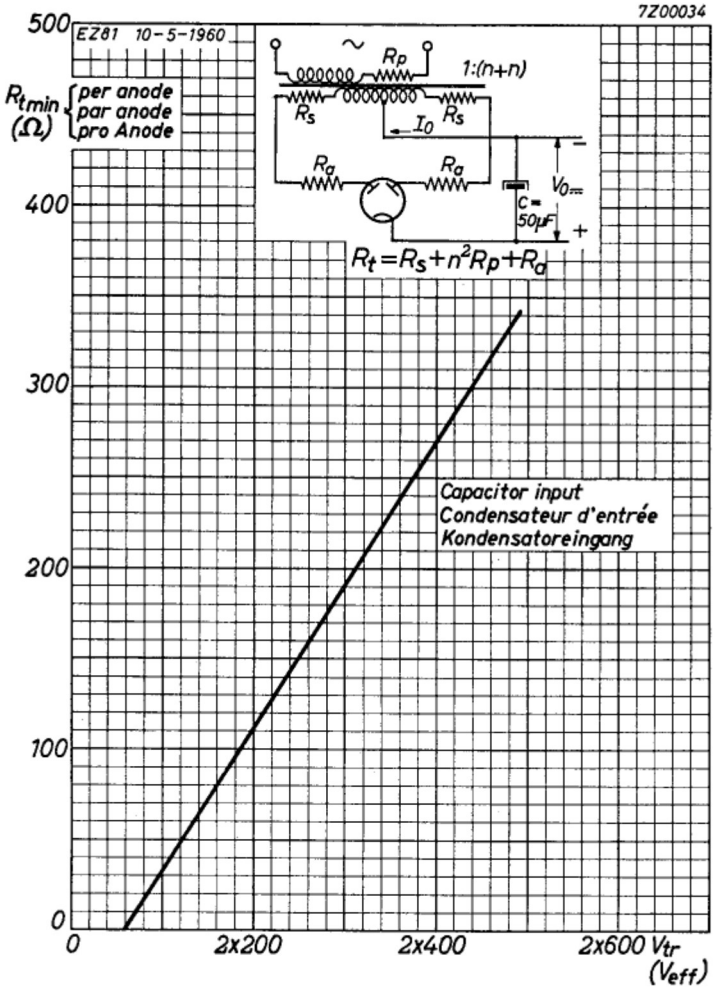

5.5.1960

E

EZ81

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7	A	1960.05.05
8	A	1961.05.05
9	B	1956.02.02
10	B	1960.05.05
11	B	1961.05.05
12	C	1960.05.05
13	C	1961.05.05
14	D	1960.05.05
15	D	1961.05.05
16	E	1960.05.05
17	E	1961.05.05
18	FP	2005.05.06