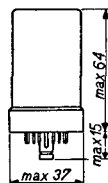
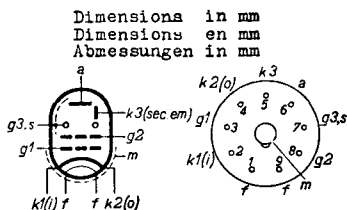


SECONDARY EMISSION PENTODE for television purposes
PENTHODE A EMISSION SECONDAIRE pour la télévision
SEKUNDAREMISSIONSPENTHODE für Fernseh Zwecke

Heating: indirect by A.C. or D.C.; parallel supply
Chauffage: indirect par C.A. ou C.C.; alimentation en parallèle
Heizung: indirekt durch Wechsel- oder Gleichstrom; Parallelspeisung

$V_f = 6,3 \text{ V}$
 $I_f = 0,37 \text{ A}$



Capacities
Capacités
Kapazitäten

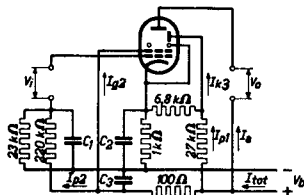
$C_a = 6 \text{ pF}$
 $C_{g1} = 9,2 \text{ pF}$
 $C_{ag1} < 0,004 \text{ pF}$

Typical characteristics
Caractéristiques typiques
Kenndaten

$V_a = 250 \text{ V}$
 $V_{k3} = 150 \text{ V}$
 $V_{g3} = 0 \text{ V}$
 $V_{g2} = 250 \text{ V}$
 $V_{g1} = -2 \text{ V}$
 $I_a = 20 \text{ mA}$
 $I_{k3} = -15,6 \text{ mA}$
 $I_{g2} = 1,5 \text{ mA}$
 $S = 25 \text{ mA/V}$
 $\mu_{g2g1} = 110 -$
 $R_1 = 70 \text{ k}\Omega$

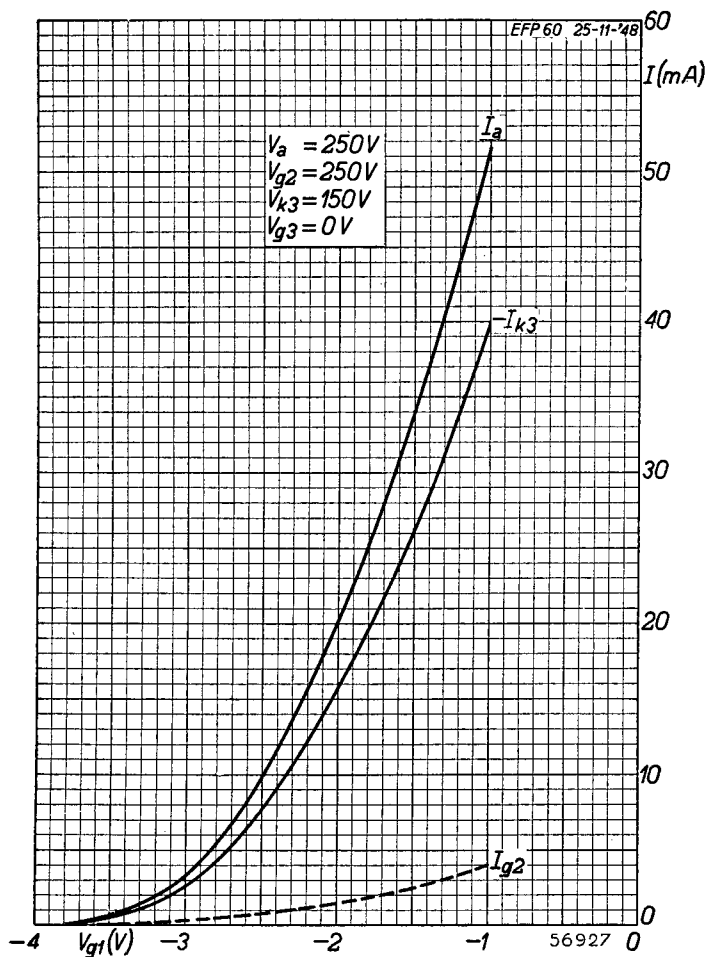
Operating conditions for use as stabilised amplifier
 Caractéristiques d'utilisation comme amplificateur
 stabilisée
 Betriebsdaten zur Verwendung als stabilisierter Ver-
 stärker

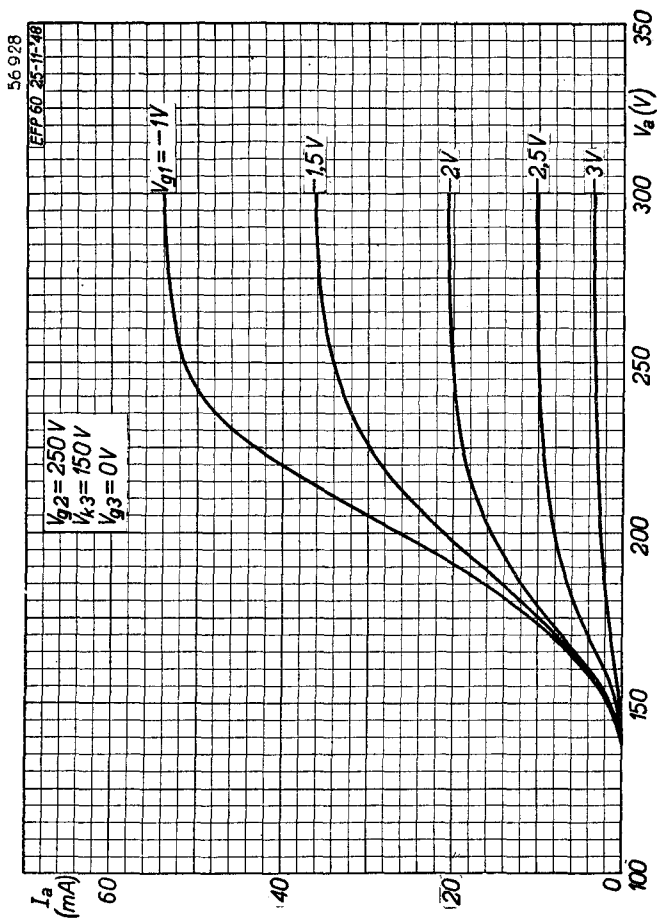
V_b	=	250 V
V_{g3}	=	0 V
I_a	=	20 mA
I_{k3}	=	-15,6 mA
I_{g2}	=	1,5 mA
I_{p1}	=	3,5 mA
I_{p2}	=	1,0 mA
I_{tot}	=	26 mA



Limiting values
 Caractéristiques limites
 Grenzdaten

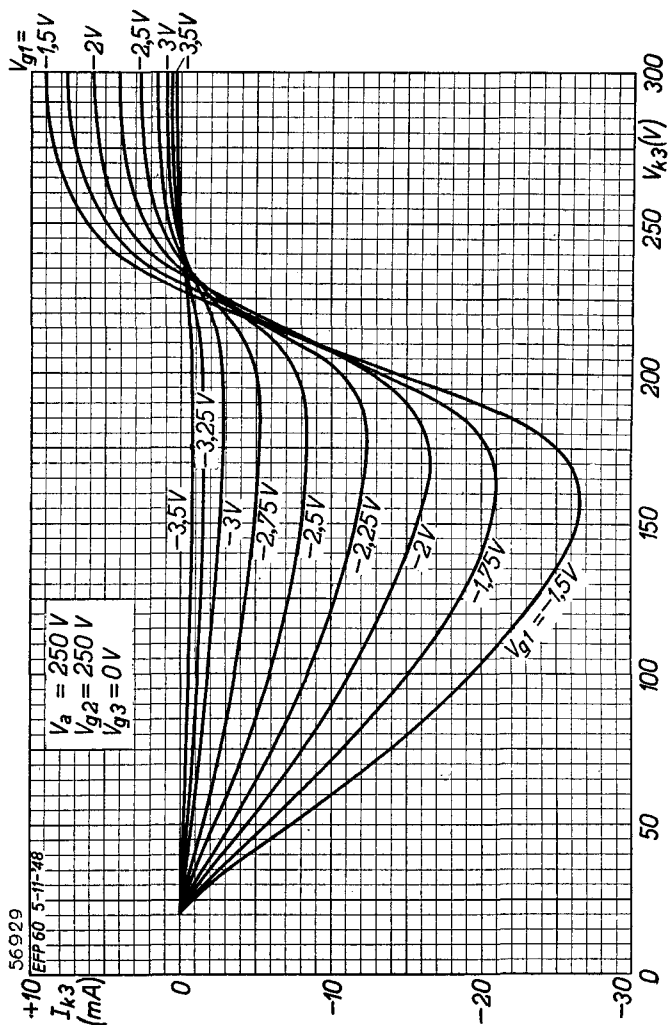
V_{a_o}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	2 W
V_{k3_o}	= max.	550 V
V_{k3}	= max.	150 V
W_{k3}	= max.	1 W
V_{g2_o}	= max.	550 V
V_{g2}	= max.	300 V
W_{g2}	= max.	0,4 W
I_{k1}	= max.	8 mA
$V_{g1} (I_{g1} = + 0,3 \mu A)$	= max.	-1,3 V
R_{g1}	= max.	0,7 MΩ
V_{fk1}	= max.	50 V
R_{fk1}	= max.	20 kΩ



EFP 60**PHILIPS**

PHILIPS

EFP 60



25.1.1949

C



	EFP60	
page	sheet	date
1	1	1948.10.06
2	2	1948.10.06
3	A	1949.01.25
4	B	1949.01.25
5	C	1949.01.25
6	FP	1999.07.04