

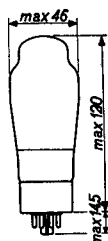
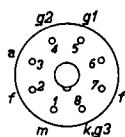
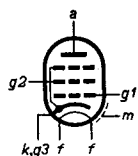
PHILIPS

EL 33

OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTODE

Heating: indirect by A.C. or D.C.;
parallel supply
Chauffage: indirect par C.A. ou C.C.; $V_f = 6,3 \text{ V}$
alimentation en parallèle $I_f = 0,9 \text{ A}$
Heizung: indirekt durch Wechsel-
oder Gleichstrom;
Parallelspeisung

Dimensions in mm
Dimensions en mm
Abmessungen in mm



Base, culot, Sockel: Octal

Operating characteristics class A
Caractéristiques d'utilisation classe A
Betriebsdaten Klasse A

V_a	=	250 V
V_{g2}	=	250 V
V_{g1}	=	-6 V
I_a	=	36 mA
I_{g2}	=	4 mA
S	=	9 mA/V
R_i	=	50 k Ω
$R_{a\omega}$	=	7 k Ω
W_o ($d_{tot} = 10\%$)	=	4,5 W
V_i ($d_{tot} = 10\%$)	=	4,2 V_{eff}
V_i ($W_o = 50mW$)	=	0,35 V_{eff}
μ_{g2g1}	=	23

EL 33**PHILIPS**

Operating characteristics classe AB
 Caractéristiques d'utilisation classe AB
 Betriebsdaten Klasse AB

V_a	=	250	V
V_{g2}	=	250	V
R_k	=	140	Ω
$R_{aa\sim}$	=	10	k Ω
V_1	=	0 6,7	V_{eff}
I_a	=	2x24 2x28,5	mA
I_{g2}	=	2x2,8 2x4,6	mA
W_o	=	0 8,2	W
dt_{tot}	=	- 3,1	%

Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a0}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	9 W
V_{g20}	= max.	550 V
V_{g2}	= max.	300 V
$W_{g2} (V_1=0)$	= max.	1,2 W
$W_{g2} (W_o=\max.)$	= max.	2,5 W
I_k	= max.	55 mA
$V_{g1} (I_{g1}=+0,3\mu A)$	= max.	-1,3 V
R_{g1}	= max.	1 M Ω
V_{kf}	= max.	100 V
R_{kf}	= max.	5 k Ω



	EL33	
page	sheet	date
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2	2	1953.10.10
3	FP	1999.07.04