PHILIPS

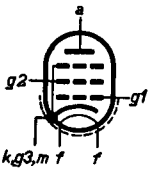
EL 12

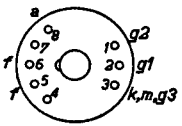
OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTHODE

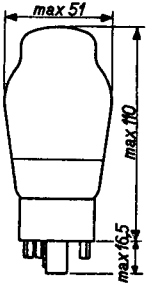
Heating: indirect by A.C.; parallel supply
Chauffage: indirect par C.A.; alimentation en parallèle
Heizung: indirekt durch Wechselstrom; Parallelspeisung

Vf = 6,3 V
If = 1,2 A

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Capacities
Capacités
Kapazitäten

Cagl < 0,7 pF

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

Va	= 250	V
Vg2	= 250	V
Vg1	= -7	V
Rk	= 90	Ω
Ia	= 72	mA
Ig2	= 8	mA
S	= 15	mA/V
Ri	= 25	kΩ
Ra	= 3,5	kΩ
μg2g1	= 18	
Wo (d_{tot} = 10%)	= 8	W
Vi (d_{tot} = 10%)	= 4,5	V
Vi (Wo = 50 mW)	= 0,3	V

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

Va	=	250		V
Vg2	=	250		V
Rk	=	90		Ω
Raa	=	5		kΩ
Vi	=	0	7,3	V_{eff}
Ia	=	2x45	2x53	mA
Ig2	=	2x5,1	2x8,5	mA
Wo	=	0	14,5	W
d_{tot}	=	-	2,2	%

Limiting values
Caractéristiques limites
Grenzdaten

Va_o	=max. 550 V	Wg2 (Vi = 0 V)	=max. 2,5 W
Va	=max. 250 V	Wg2 (Wo = max.)	=max. 5 W
Wa	=max. 18 W	Vg1 (Ig1=+0,3 μA)	=max.-1,3 V
$Vg2_o$	=max. 550 V	Rg1	=max. 1 MΩ
Vg2	=max. 275 V	Rfk	=max. 5 kΩ
Ik	=max. 90 mA	Vfk	=max. 50 V

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PHILIPS

Electronic Tube

HANDBOOK

EL12

page	sheet	date
1	1	1948.09.16
2	2	1948.09.16
3	FP	1999.07.04