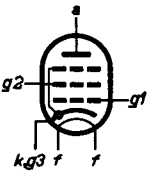
PHILIPS

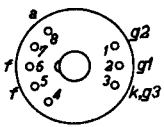
EL 11

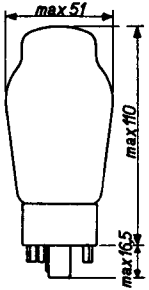
OUTPUT PENTODE
PENTHODE DE SORTIE
ENDPENTHODE

Heating:	indirect by A.C.; parallel supply	
Chauffage:	indirect par C.A.; alimentation en parallèle	Vf = 6,3 V If = 0,9 A
Heizung:	indirekt durch Wechselstrom; Parallelspeisung	

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Capacities
Capacités
Kapazitäten

Cag1 < 0,8 pF

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

Va	=	250 V
Vg2	=	250 V
Vg1	=	-6 V
Rk	=	150 Ω
Ia	=	36 mA
Ig2	=	4 mA
S	=	9 mA/V
Ri	=	50 kΩ
Ra	=	7 kΩ
μg2g1	=	25
Wo (d_{tot} = 10%)	=	4,5 W
Vi (d_{tot} = 10%)	=	4,2 V_{eff}
Vi (Wo = 50 mW)	=	0,33 V_{eff}

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

Va	=	250		V
Vg2	=	250		V
Rk	=	140		Ω
Raa	=	10		kΩ
Vi	=	0	6,7	V_{eff}
Ia	=	2x24	2x28,5	mA
Ig2	=	2x2,8	2x4,6	mA
Wo	=	0	8,2	W
d_{tot}	=	-	3,1	%

Limiting values
Caractéristiques limites
Grenzdaten

Va_o	=max. 550 V	Wg2 (Vi = 0 V)	=max. 1,2 W
Va	=max. 250 V	Wg2 (Wo = max.)	=max. 2,5 W
Wa	=max. 9 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. 55 mA	Vfk	=max. 50 V

PHILIPS

Electronic Tube

HANDBOOK

EL11

page	sheet	date
1	1	1948.09.16
2	2	1948.09.16
3	FP	1999.07.02