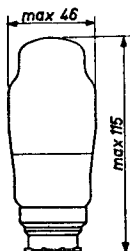
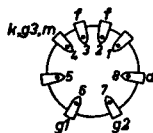
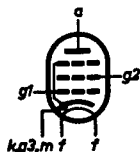


OUTPUT PENTODE
 PENTHODE DE SORTIE
 ENDPENTHOLE

Heating : indirect; parallel supply
 Chauffage: indirect; alimentation-
 parallèle
 Heizung : indirekt; Parallelspeisung

$V_f = 6,3 \text{ V}$
 $I_f = 0,9 \text{ A}$

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: P

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

V_a	=	250 V
V_{g2}	=	250 V
R_k	=	150 Ω
V_{g1}	=	-6 V
I_a	=	36 mA
I_{g2}	=	4 mA
S	=	9 mA/V
R_1	=	50 k Ω
R_a	=	7 k Ω
W_o ($d_{tot} = 10\%$)	=	4,5 W
V_1 ($d_{tot} = 10\%$)	=	4,2 V_{eff}
V_1 ($W_o = 50 \text{ mW}$)	=	0,35 V_{eff}
μ_{g2g1}	=	23

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

V_a	=	250	V	
V_{g2}	=	250	V	
R_k	=	140	Ω	
R_{aa}	=	10	k Ω	
V_i	=	0	V_{eff}	
I_a	=	2x24	2x28,5	mA
I_{g2}	=	2x2,8	2x4,6	mA
W_o	=	0	8,2	W
d_{tot}	=	0	3,1	%

Limiting values
 Caractéristiques limites
 Grenzdaten

V_{ao}	= max.	550 V
V_a	= max.	250 V
W_a	= max.	9 W
V_{g2o}	= max.	550 V
V_{g2}	= max.	275 V
$W_{g2} (V_i = 0)$	= 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

Remark, Observation, Bemerkung

The tube should only be used with automatic or semi-automatic bias

Le tube ne sera utilisé qu'avec polarisation automatique ou semi-automatique

Die Röhre soll nur mit automatischer oder mit halb-automatischer Gittervorspannung verwendet werden

PHILIPS



*Electronic
Tube*

HANDBOOK

page	EL3N sheet	date
1	1	1953.08.08
2	2	1953.08.08
3	FP	1999.07.04