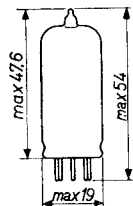
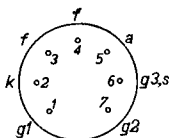
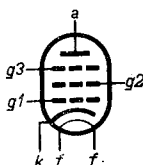


PENNODE for use as R.F. amplifier
 PENTHODE pour utilisation en amplificatrice H.F.
 PENNODE zur Verwendung als HF-Verstärker

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

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: Miniature

Capacitances (with external screening) $C_{g1} = 7,3 \text{ pF}$
 Capacités (avec blindage extérieur) $C_a = 3,4 \text{ pF}$
 Kapazitäten (mit äußerer Abschirmung) $C_{ag1} < 0,01 \text{ pF}$

Typical characteristics
 Caractéristiques types
 Kenndaten

V_a	=	250 V
V_{g2}	=	250 V
V_{g3}	=	0 V
V_{g1}	=	-2,0 V
I_a	=	10 mA
I_{g2}	=	2,55 mA
S	=	7,65 mA/V
R_i	=	1 M Ω
μ_{g2g1}	=	70
R_{eq}	=	1200 Ω
$r_{g1}(50\text{Mc/s})$	=	7500 Ω

Limiting values
Caractéristiques limites
Grenzdaten

V_{a0}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	2,5 W
V_{g20}	= max.	550 V
V_{g2}	= max.	300 V
W_{g2}	= max.	0,65 W
I_k	= max.	15 mA
V_{g1} ($I_{g1}=+0,3\mu A$)	= max.	-1,3 V
V_{g3} ($I_{g3}=+0,3\mu A$)	= max.	-1,3 V
R_{g1}	= max.	1 M Ω
V_{kf}	= max.	150 V

PHILIPS



*Electronic
Tube*

HANDBOOK

page	EF91 sheet	date
1	1	1955.02.02
2	2	1955.02.02
3	FP	1999.06.29