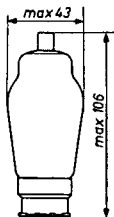
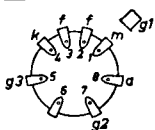
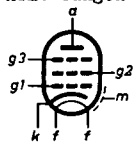


R.F. PENTODE
 PENTHODE H.F.
 HF-PENTODE

Heating : indirect; parallel supply $V_f = 4,0V$
 Chauffage: indirect; alimentation- parallèle $I_f = 0,65A$
 Heizung : indirekt; Parallelspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: P

Capacitances
 Capacités
 Kapazitäten

$C_{g1} = 6,4 \text{ pF}$
 $C_a = 7,6 \text{ pF}$
 $C_{ag1} < 0,003 \text{ pF}$

Operating characteristics for use as R.F. amplifier
 Caractéristiques d'utilisation comme amplificatrice
 H.F.
 Betriebsdaten als HF-Verstärker

$V_a = 250 \text{ V}$
 $V_{g2} = 100 \text{ V}$
 $V_{g3} = 0 \text{ V}$
 $V_{g1} = -2 \text{ V}$
 $I_a = 3 \text{ mA}$
 $I_{g2} = 1,1 \text{ mA}$
 $S = 2,1 \text{ mA/V}$
 $R_i = 2 \text{ M}\Omega$

Limiting values
 Caractéristiques limites
 Grenzdaten

$V_{a0} = \text{max. } 550 \text{ V}$	$V_{g1}(I_{g1} = +0,3 \mu A) = \text{max. } -1,3 \text{ V}$
$V_a = \text{max. } 250 \text{ V}$	$I_k = \text{max. } 6 \text{ mA}$
$W_a = \text{max. } 1 \text{ W}$	$R_{g1} = \text{max. } 1,5 \text{ M}\Omega$
$V_{g20} = \text{max. } 550 \text{ V}$	$V_{kf} = \text{max. } 50 \text{ V}$
$V_{g2} = \text{max. } 125 \text{ V}$	$R_{kf} = \text{max. } 20 \text{ k}\Omega$
$W_{g2} = \text{max. } 0,3 \text{ W}$	

AF 7

"Miniwatt"

**H.F. PENTODE
PENTHODE H.F.
H.F.-PENTHODE**

Heating : Indirect ; A.C. ; parallel supply
 Chauffage : Indirect ; courant alternatif ; alimentation en parallèle $V_f = 4,0 \text{ V}$
 $I_f = 0,65 \text{ A}$
 Heizung : Indirekt ; Wechselstrom ; Parallelspeisung

Capacities $C_{ag_1} < 0,003 \text{ pF}$
 Capacités $C_{g_1} = 6,4 \text{ pF}$
 Kapazitäten $C_a = 7,6 \text{ pF}$

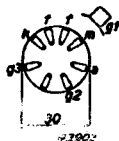
Operating characteristics for use as H.F. amplifier
 Caractéristiques de service, pour l'utilisation comme amplificateur H.F.
 Betriebsdaten als H.F.-Verstärker

V_a	= 250 V	I_a	= 3 mA
V_{g_1}	= 100 V	I_{g_1}	= 1,1 mA
V_{g_2}	= 0 V	S	= 2100 $\mu\text{A/V}$
V_{g_3}	= -2 V	R_i	= 2 M Ω

Limiting values
 Limites fixées pour l'utilisation
 Grenzwerte

V_{ao}	= max. 550 V	V_{g_1} ($I_{g_1} = + 0,3 \mu\text{A}$)	= max. -1,3 V
V_a	= max. 250 V	I_k	= max. 6 mA
W_a	= max. 1 W	$R_{g,k}$	= max. 1,5 M Ω
V_{g_2o}	= max. 550 V	V_{fk}	= max. 50 V
V_{g_3}	= max. 125 V	R_{fk}	= max. 20 000 Ω
W_{g_1}	= max. 0,3 W		

Electrode arrangement, base connections and max. dimensions in mm.
 Disposition des électrodes, connexions du culot et dimensions max. en mm.
 Elektrodenanordnung, Sockelanschlüsse und max. Abmessungen in mm.

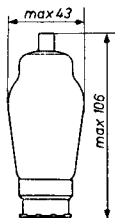
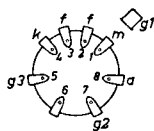
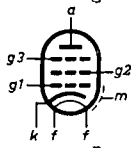


AF 7**PHILIPS**

R.F. PENTODE
 PENTHODE H.F.
 HF-PENTODE

Heating : indirect; parallel supply $V_f = 4,0V$
 Chauffage: indirect; alimentation- parallèle $I_f = 0,65A$
 Heizung : indirekt; Parallelspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: P

Capacitances
 Capacités
 Kapazitäten

$C_{g1} = 6,4 \text{ pF}$

$C_a = 7,6 \text{ pF}$

$C_{ag1} < 0,003 \text{ pF}$

Operating characteristics for use as R.F. amplifier
 Caractéristiques d'utilisation comme amplificateur
 H.F.

Betriebsdaten als HF-Verstärker

$V_a = 250 \text{ V}$

$V_{g2} = 100 \text{ V}$

$V_{g3} = 0 \text{ V}$

$V_{g1} = -2 \text{ V}$

$I_a = 3 \text{ mA}$

$I_{g2} = 1,1 \text{ mA}$

$S = 2,1 \text{ mA/V}$

$R_i = 2 \text{ M}\Omega$

Limiting values
 Caractéristiques limites
 Grenzdaten

$V_{a0} = \text{max. } 550 \text{ V}$

$V_a = \text{max. } 250 \text{ V}$

$W_a = \text{max. } 1 \text{ W}$

$V_{g20} = \text{max. } 550 \text{ V}$

$V_{g2} = \text{max. } 125 \text{ V}$

$W_{g2} = \text{max. } 0,3 \text{ W}$

$V_{g1}(I_{g1} = +0,3 \mu A) = \text{max. } -1,3 \text{ V}$

$I_k = \text{max. } 6 \text{ mA}$

$R_{g1} = \text{max. } 1,5 \text{ M}\Omega$

$V_{kf} = \text{max. } 50 \text{ V}$

$R_{kf} = \text{max. } 20 \text{ k}\Omega$

PHILIPS



*Electronic
Tube*

HANDBOOK

	AF7	
page	sheet	date
1	1	1959.12.12
2	2	1947.12.01
3	2	1953.12.12
4	FP	1999.06.26