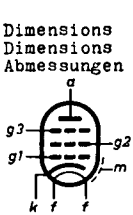
PHILIPS

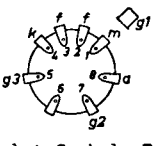
AF 7

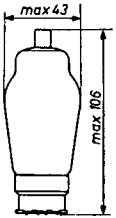
R.F. PENTODE
PENTHODE H.F.
HF-PENTODE

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 pF
C_a = 7,6 pF
C_{ag1} < 0,003 pF

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

V_a = 250 V
V_{g2} = 100 V
V_{g3} = 0 V
V_{g1} = -2 V
I_a = 3 mA
I_{g2} = 1,1 mA
S = 2,1 mA/V
R_i = 2 MΩ

Limiting values
Caractéristiques limites
Grenzdaten

V_{a_o}	= max. 550 V	$V_{g1}(I_{g1}=+0,3\mu A)$	= max. -1,3 V
V_a	= max. 250 V	I_k	= max. 6 mA
W_a	= max. 1 W	R_{g1}	= max. 1,5 MΩ
V_{g2_o}	= max. 550 V	V_{kf}	= max. 50 V
V_{g2}	= max. 125 V	R_{kf}	= max. 20 kΩ
W_{g2}	= max. 0,3 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	Vf = 4,0 V If = 0,65 A
Heizung :	Indirekt ; Wechselstrom ; Parallelspeisung	

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

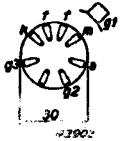
Operating characteristics for use as H.F. amplifier
Caractéristiques de service, pour l'utilisation comme amplificateur H.F.
Betriebsdaten als H.F.-Verstärker

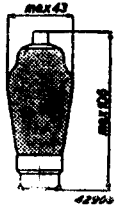
V_a	=	250 V	I_a	=	3 mA
V_{g_2}	=	100 V	I_{g_2}	=	1,1 mA
V_{g_3}	=	0 V	S	=	2100 μA/V
V_{g_1}	=	—2 V	Ri	=	2 MΩ

Limiting values
Limites fixées pour l'utilisation
Grenzwerte

V_{ao}	=	max. 550 V	V_{g_1} (I_{g_1} = + 0,3 μA)	=	max. —1,3 V
V_a	=	max. 250 V	I_k	=	max. 6 mA
W_a	=	max. 1 W	R_{g_1k}	=	max. 1,5 MΩ
V_{g_2o}	=	max. 550 V	V_{fk}	=	max. 50 V
V_{g_2}	=	max. 125 V	R_{fk}	=	max. 20 000 Ω
W_{g_2}	=	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.



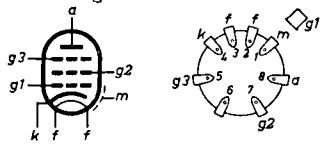


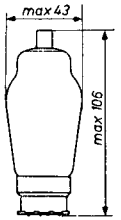
AF 7 PHILIPS

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

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I_k = max. 6 mA
R_{g1} = max. 1,5 MΩ
V_{kf} = max. 50 V
R_{kf} = max. 20 kΩ

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