H.F. VARIABLE-MU PENTODE
PENTHODE H.F. à pente variable
H.F. PENTHODE mit veränderlicher Steilheit

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	Ca = 7,6 pF

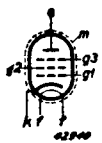
Characteristics for use as H.F. or I.F. amplifier
Caractéristiques pour l'utilisation comme amplificateur H.F. ou M.F.
Daten zur Verwendung als H.F.- oder Z.F.-Verstärker

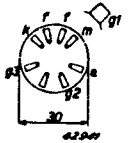
Va	=	250 V
V_{g_2}	=	100 V
V_{g_3}	=	0 V
V_{g_1}	= —3	— 55 V
Ia	= 8	— mA
I_{g_2}	= 2,6	— mA
S	= 1800	< 2 μA/V
Ri	= 1,2	> 10 MΩ

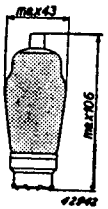
Limiting values
Limites fixées pour l'utilisation
Grenzwerte

Vao	= max. 550 V	Ik	= max. 15 mA
Va	= max. 250 V	V_{g_1} (I_{g_1} = + 0,3 μA)	= max. —1,3 V
Wa	= max. 2 W	R_{g_1k}	= max. 2,5 MΩ
V_{g_2o}	= max. 400 V	Vfk	= max. 80 V
V_{g_2}	= max. 125 V	Rfk	= max. 20 000 Ω
W_{g_2}	= max. 0,4 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.



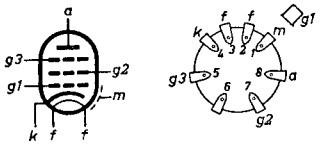


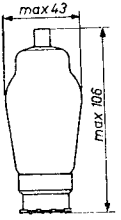


R.F.PENTODE with variable mutual conductance
PENTHODE H.F. à pente variable
HF-PENTODE mit veränderlicher Steilheit

Heating : indirect; parallel supply — Vf= 4,0 V
Chauffage: indirect; alimentation- parallèle — If=0,65 A
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. or I.F. amplifier
Caractéristiques d'utilisation en amplificatrice H.F. ou M.F.
Betriebsdaten zur Verwendung als HF- oder ZF-Verstärker

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V_{g2}	=	100		V
V_{g3}	=	0		V
V_{g1}	=	-3	-55	V
I_a	=	8	-	mA
I_{g2}	=	2,6	-	mA
S	=	1800	<2	µA/V
R_i	=	1,2	>10	MΩ

Limiting values
Caractéristiques limites
Grenzdaten

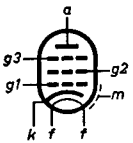
V_{a_o}	= max. 550 V	I_k	= max. 15 mA
V_a	= max. 250 V	V_{g1} (I_{g1}=+0,3µA)	= max. -1,3 V
W_a	= max. 2 W	R_{g1}	= max. 2,5 MΩ
V_{g2_o}	= max. 400 V	V_{kf}	= max. 80 V
V_{g2}	= max. 125 V	R_{kf}	= max. 20 kΩ
W_{g2}	= max. 0,4 W		

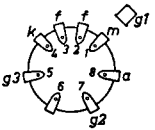
AF 3 PHILIPS

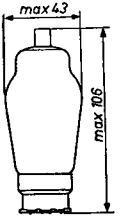
R.F.PENTODE with variable mutual conductance
PENTHODE H.F. à pente variable
HF-PENTODE mit veränderlicher Steilheit

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

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: P

Capacitances
Capacités
Kapazitäten

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W_a = max. 2 W	R_{g1}	= max.	2,5 MΩ
V_{g2_o} = max. 400 V	V_{kf}	= max.	80 V
V_{g2} = max. 125 V	R_{kf}	= max.	20 kΩ
W_{g2} = max. 0,4 W			

PHILIPS

Electronic Tube

HANDBOOK

AF3

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