

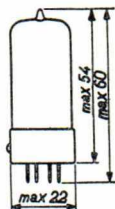
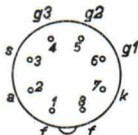
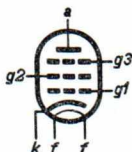
PHILIPS

UF 43

R.F. PENTODE with variable mutual conductance for use as wide-band amplifier
 PENTHODE H.F. à pente variable pour utilisation en amplificatrice à large bande
 H.F. PENTODE mit veränderlicher Steilheit zur Verwendung als Breitbandverstärker

Heating: indirect by A.C. or D.C.; series supply
 Chauffage: indirect par C.A. ou C.C.; $V_f = 21$ V
 alimentation en série
 Heizung: indirekt durch Wechsel- $I_f = 100$ mA
 oder Gleichstrom;
 Serienspeisung

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: RIMLOCK

Capacitances
 Capacités
 Kapazitäten

$C_a = 4,5$ pF
 $C_{g1} = 9,5$ pF
 $C_{ag1} < 0,006$ pF

Operating characteristics for use as R.F. or I.F. amplifier
 Caractéristiques d'utilisation en amplificatrice H.F. ou M.F.

Betriebsdaten als H.F.- oder Z.F.-Verstärker

$V_a = V_b =$	100	170	V
$V_{g3} =$	0	0	V
$R_{g2} =$	10	10	kΩ
$R_k =$	105	105	Ω
$V_{g1} =$	-1,05	-2,0	V
	-11	-19	V
$V_{g2} =$	75	135	V
$I_a =$	7,5	15	mA
$I_{g2} =$	2,5	3,5	mA
$S =$	5,8	6,3	mA/V
	0,058	0,063	mA/V
$R_i =$	0,3	0,3	MΩ
	>10	>10	MΩ
$R_{eq} =$	1,5	1,8	kΩ

$V_a=V_b$	=	200	V
V_{g3}	=	0	V
R_{g2}	=	18	k Ω
R_k	=	105	Ω
V_{g1}	=	-2	-22 V
V_{g2}	=	135	- V
I_a	=	15	- mA
I_{g2}	=	3,5	- mA
S	=	6,4	0,064 mA
R_i	=	0,4	>10 M Ω
R_{eq}	=	1,7	- k Ω

Limiting values
Caractéristiques limites
Grenzdaten

V_{a0}	= max.	550 V
V_a	= max.	300 V
W_a	= max.	3,75 W
V_{g20}	= max.	550 V
V_{g2}	= max.	250 V
W_{g2}	= max.	0,7 W
I_k	= max.	20 mA
$V_{g1}(I_g = 0,3\mu A)$	= max.	-1,3 V
R_{g1}	= max.	1 M Ω
R_{kf}	= max.	20 k Ω
V_{kf}	= max.	150 V