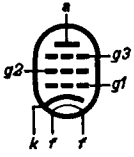
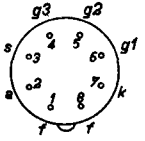
PHILIPS UF 43

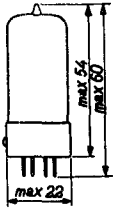
R.F. PENTODE with variable mutual conductance for use as wide-band amplifier
PENTHODE H.F. à pente variable pour utilisation en amplificatrice à large bande
H.F. PENTODE mit veränderlicher Steilheit zur Verwendung als Breitbandverstärker

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

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: RIMLOCK

Capacitances	Ca	=	4,5 pF
Capacités	Cg1	=	9,5 pF
Kapazitäten	Cag1	<	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

Va=Vb	=	100		170		V
Vg3	=	0		0		V
Rg2	=	10		10		kΩ
Rk	=	105		105		Ω
Vg1	=	-1,05	-11	-2,0	-19	V
Vg2	=	75	-	135	-	V
Ia	=	7,5	-	15	-	mA
Ig2	=	2,5	-	3,5	-	mA
S	=	5,8	0,058	6,3	0,063	mA/V
Ri	=	0,3	>10	0,3	>10	MΩ
Req	=	1,5	-	1,8	-	kΩ

$V_a = V_b$	=	200		V
V_{g3}	=	0		V
R_{g2}	=	18		kΩ
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	MΩ
R_{eq}	=	1,7	-	kΩ

Limiting values
Caractéristiques limites
Grenzdaten

V_{ao}	= max.	550	V
V_a	= max.	300	V
W_a	= max.	3,75	W
V_{g2o}	= 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	MΩ
R_{kf}	= max.	20	kΩ
V_{kf}	= max.	150	V

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Electronic Tube HANDBOOK

UF43

page	sheet	date
1	1	1952.05.05
2	2	1952.05.05
3	FP	2000.07.09