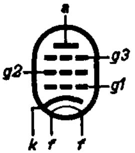
PHILIPS UF 43

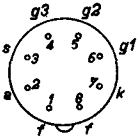
R.F. PENTODE with variable mutual conductance for use as wide-band amplifier
PENTHODE H.F. à pente variable pour utilisation en amplificatrice à large bande
H.F. PENTODE mit veränderlicher Steilheit zur Verwendung als Breitbandverstärker

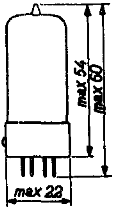
Heating: indirect by A.C. or D.C.; series supply
Chauffage: indirect par C.A. ou C.C.; alimentation en série
Heizung: indirekt durch Wechsel- oder Gleichstrom; Serienspeisung

V_f = 21 V
I_f = 100 mA

Dimensions in mm
Dimensions en mm
Abmessungen in mm







Base, culot, Sockel: RIMLOCK

Capacitances	C_a	=	4,5 pF
Capacités	C_{g1}	=	9,5 pF
Kapazitäten	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	−11	−2,0	−19	V
V_{g2}	=	75	-	135	-	V
I_a	=	7,5	-	15	-	mA
I_{g2}	=	2,5	-	3,5	-	mA
S	=	5,8	0,058	6,3	0,063	mA/V
R_i	=	0,3	>10	0,3	>10	MΩ
R_{eq}	=	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

PHILIPS
Electronic Tube
HANDBOOK

UF43

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