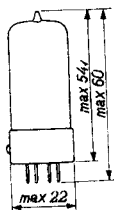
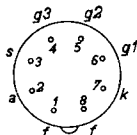
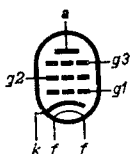


R.F. PENTODE for use as wide-band amplifier
 PENTHODE H.F. pour utilisation en amplificatrice à large bande
 H.F.PENTODE zur Verwendung als Breitbandverstärker

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

Dimensions in mm
 Dimensions en mm
 Abmessungen in mm



Base, culot, Sockel: RIMLOCK

Capacitances	$C_a = 4,3 \text{ pF}$
Capacités	$C_{g1} = 8,6 \text{ pF}$
Kapazitäten	$C_{ag1} < 0,006 \text{ pF}$
	$C_{g1f} < 0,2 \text{ pF}$

Typical characteristics
 Caractéristiques types
 Kenndaten

$V_a = 170 \text{ V}$
$V_{g3} = 0 \text{ V}$
$V_{g2} = 170 \text{ V}$
$V_{g1} = -2 \text{ V}$
$I_a = 10 \text{ mA}$
$I_{g2} = 2,8 \text{ mA}$
$S = 8 \text{ mA/V}$
$\mu_{g2g1} = 52$
$R_i = 0,3 \text{ M}\Omega$
$R_{eq} = 1060 \Omega$

Operating characteristics
 Caractéristiques d'utilisation
 Betriebsdaten

V_a	=	170 V
V_{g3}	=	0 V
V_{g2}	=	170 V
I_a	=	10 mA
f	=	100 Mc/s
Bandwidth		
Largeur de bande	=	0,8 Mc/s
Bandbreite		
G	=	1000

Limiting values
 Caractéristiques limites
 Grenzdaten

V_{a0}	= max.	550 V
V_a	= max.	250 V
W_a	= max.	2 W
V_{g2c}	= max.	550 V
V_{g2}	= max.	250 V
W_{g2}	= max.	0,5 W
I_k	= max.	15 mA
$-V_{g1}$	= max.	100 V
V_{g1} ($I_{g1}=+0,3\mu A$)	= max.	-1,3 V
R_{g1}	= max.	1 $M\Omega^1$)
V_{kf}	= max.	150 V
R_{kf}	= max.	20 k Ω

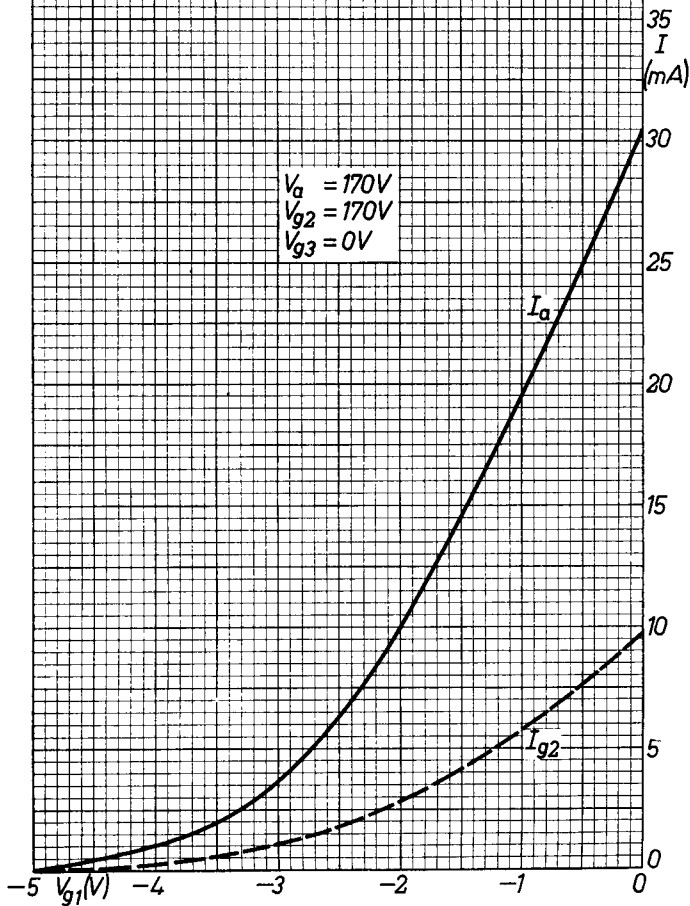
¹⁾ With automatic grid bias
 A polarisation négative automatique
 Mit automatischer negativer Gittervorspannung

"Miniwatt" UF42

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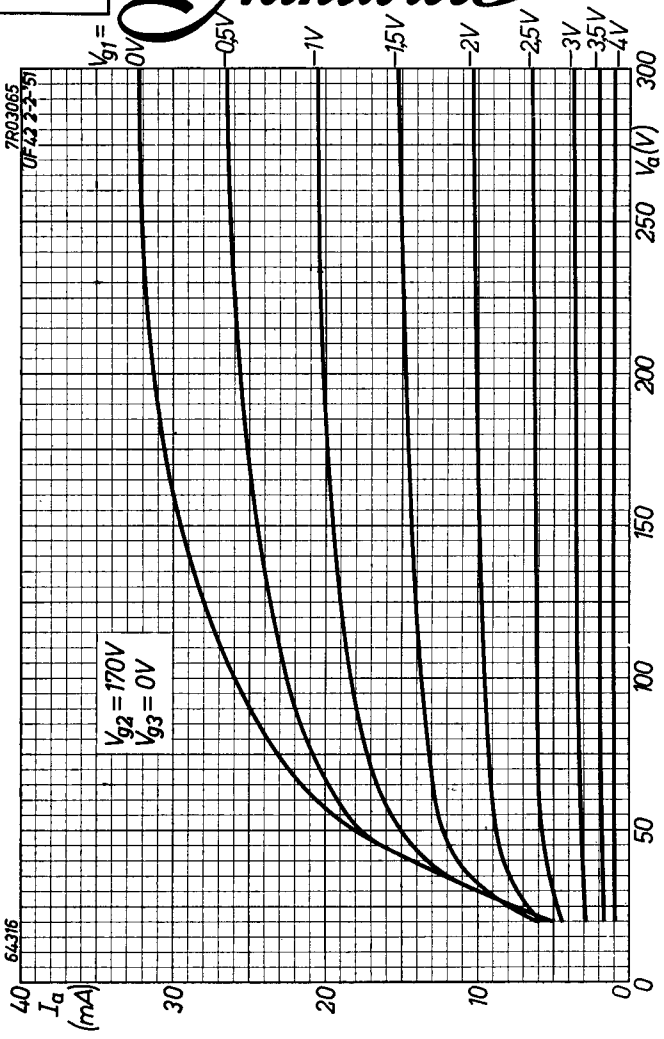


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UF42

"Miniwatt"



PHILIPS



*Electronic
Tube*

HANDBOOK

page	UF42 sheet	date
1	1	1950.12.12
2	2	1950.12.12
3	A	1951.02.02
4	B	1951.02.02
5	FP	2000.07.09