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DF 91

PENTODE for use as R.F. and I.F. amplifier in battery receivers

PENTHODE pour utilisation en amplificatrice H.F. et M.F. dans des appareils-batterie

PENTODE zur Verwendung als HF- und ZF-Verstärker in Batteriegeräten

Heating : direct by D.C.
series or parallel supply

Chauffage: direct par C.C.
alimentation en série ou en parallèle

Heizung : direkt durch Gleichstrom
Serien-oder Parallelspeisung

Parallel supply
Alimentation en parallèle
Parallelspeisung

$V_f = 1,4 \text{ V}$
 $I_f = 50 \text{ mA}$

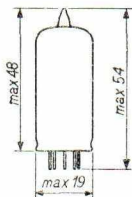
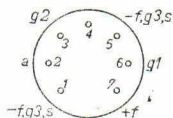
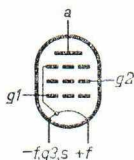
Series supply
Alimentation en série
Serienspeisung

$V_f = 1,3 \text{ V}$

Dimensions in mm

Dimensions en mm

Abmessungen in mm



Base, culot, Sockel: Miniature

Capacitances
Capacités
Kapazitäten

$C_a = 7,5 \text{ pF}$
 $C_{g1} = 3,6 \text{ pF}$
 $C_{ag1} < 0,01 \text{ pF}^1)$

¹⁾ Measured with external screening
Mesuré avec blindage extérieur
Gemessen mit äußerer Abschirmung

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Operating characteristics for use as R.F. or I.F. amplifier

Caractéristiques d'utilisation en amplificateur H.F. ou M.F.

Betriebsdaten als HF- oder ZF-Verstärker

V_a	=	45	67,5	90	V
V_{g2}	=	45	45	45	V
V_{g1}	=	0 -10	0 -10	0 -10	V
I_a	=	1,7	1,75	1,8	mA
I_{g2}	=	0,7	0,68	0,65	mA
S	=	700	725	750	$\mu A/V$
R_i	=	0,35	0,6	0,8	>10 M Ω
μ_{g2g1}	=	11	11	11	-
R_{eq}	=	18	17	16	k Ω

Limiting values

Caractéristiques limites

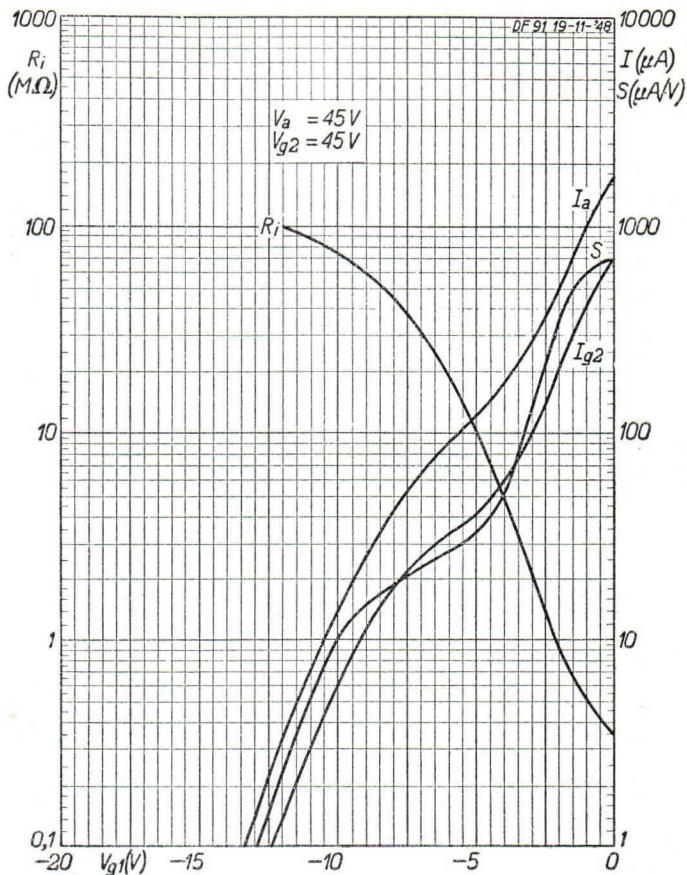
Grenzdaten

V_b	= max.	120 V
V_b	= max.	140 V ¹⁾
V_a	= max.	90 V
W_a	= max.	0,5 W
V_{g2}	= max.	67,5 V
W_{g2}	= max.	0,2 W
I_k	= max.	5,5 mA
$V_{g1}(I_{g1}=+0,3\mu A)$	= max.	-0,2 V
R_{g1}	= max.	3 M Ω

¹⁾ Absolute value
Valeur absolue
Absolutwert

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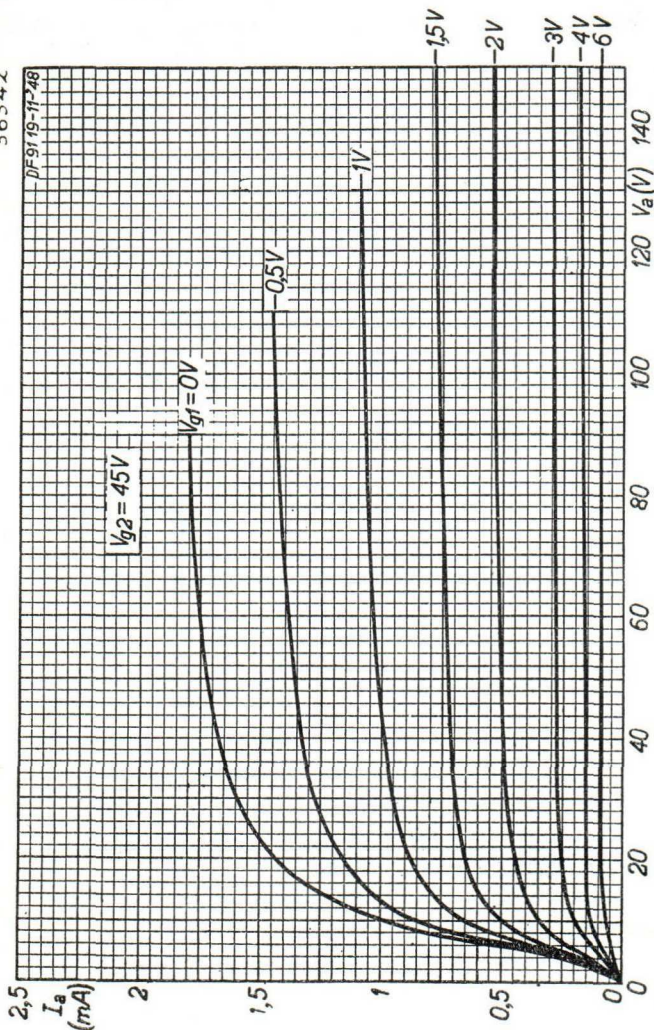
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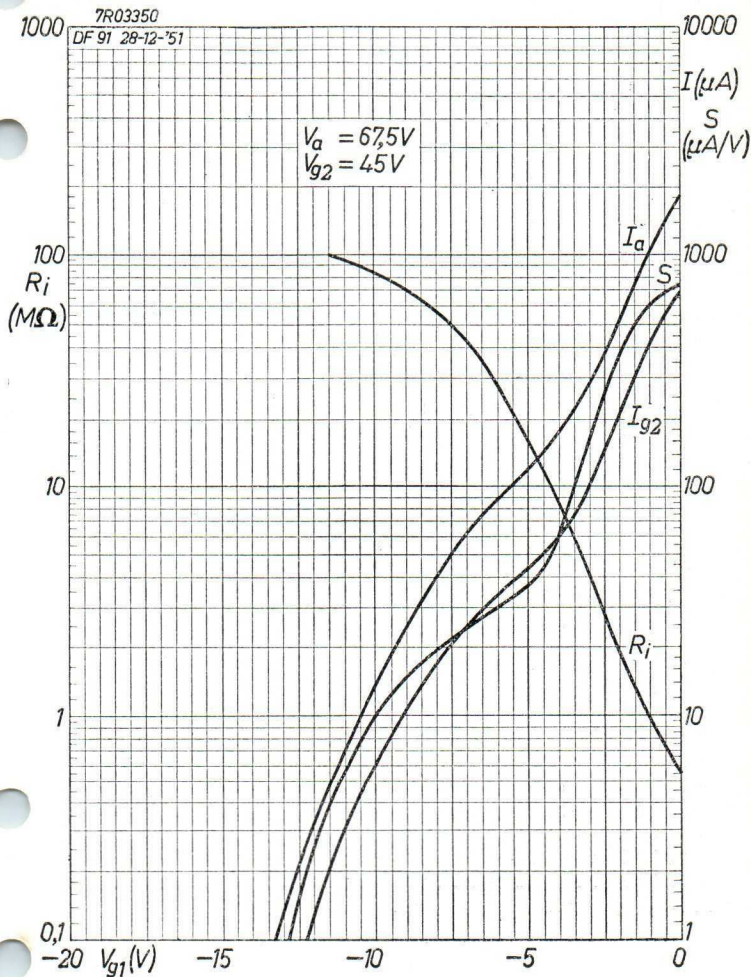
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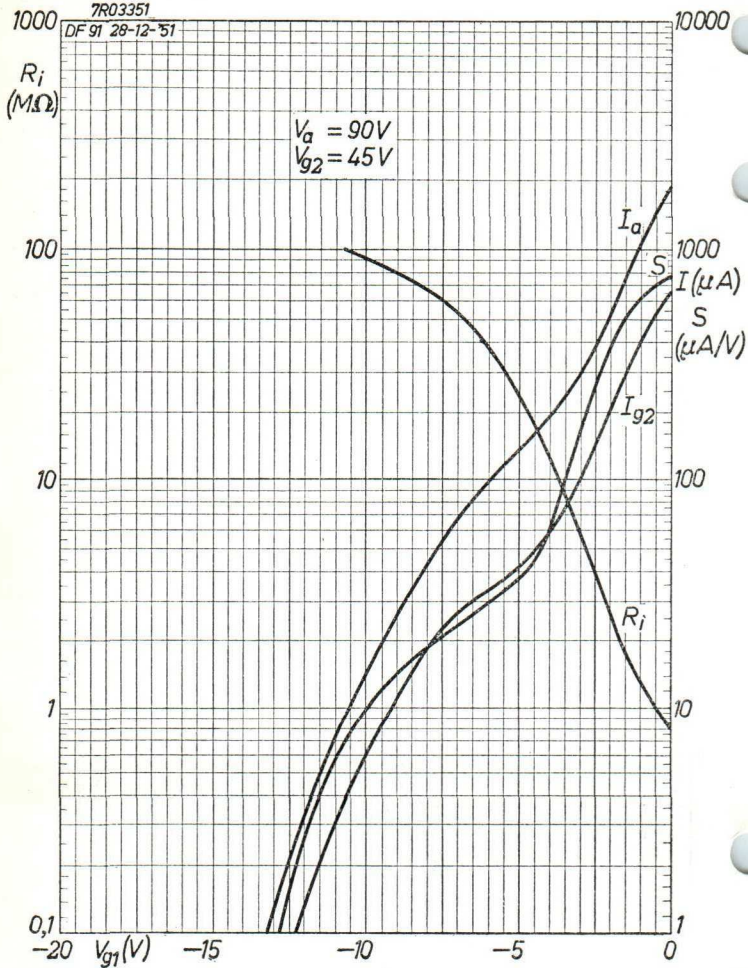
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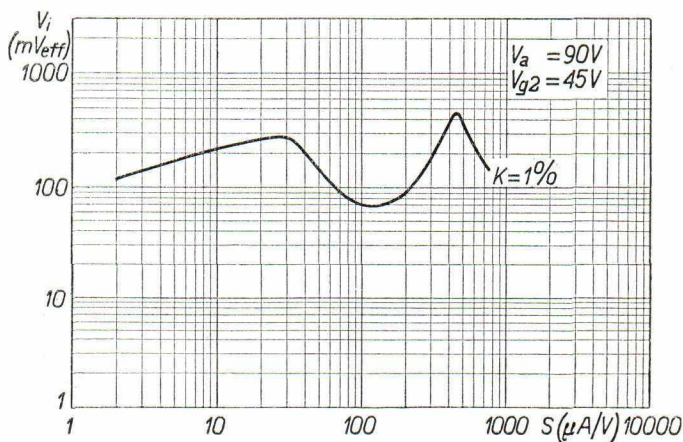
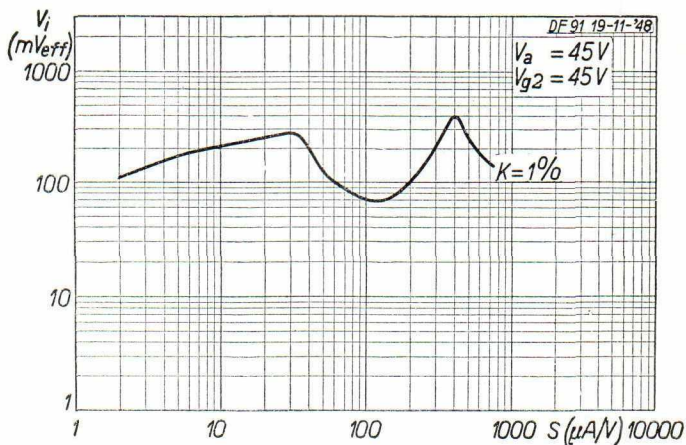
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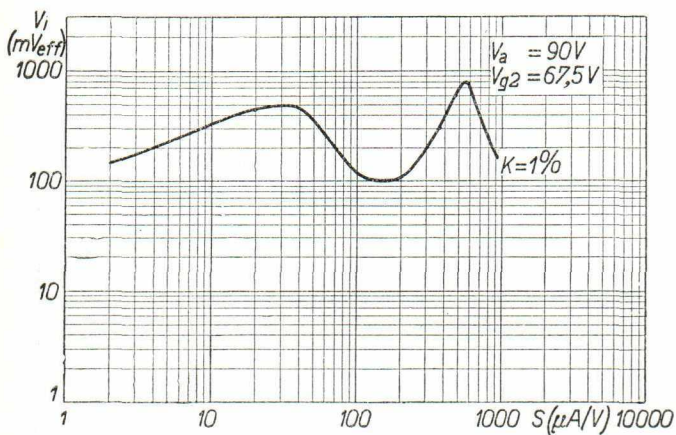
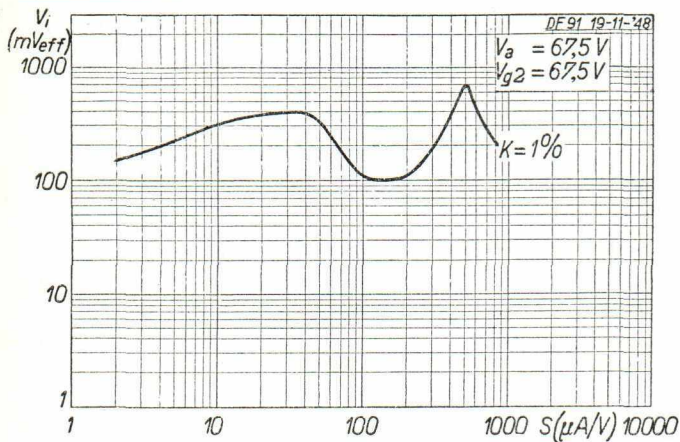




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