T.			U_f	I_f	U_a	U_g	I_a	S	μ	R_i	P_a	Cl.
			V	A	V	V	mA	mA/V	V/V	kΩ	W	
DC 90	eur	1	1,4	0,05	40	0	1,5	0,9	11			A 1
					67,5	0	4,2	1,2	11,5			A 1
					90	− 3	3	1,1	11,5			A 1
					90	U_{osc}=5,5 V; I_g=6 μA; R_g = 1 MΩ; f=100 MHz						mix.
					90	maximum (R_g=3 MΩ; I_k=5,5 mA)					0,6	

T.			U_f	I_f	U_a	U_g	I_a	S	μ	R_i	P_a	Cl.
			V	A	V	V	mA	mA/V	V/V	kΩ	W	
					40	0	1,2	0,8	14			A 1
					67,5	— 1,5	1,7	0,95	14			A 1
DC 96	Tlf	1	1,4	0,025	90	— 2,5	2,1	1	14			A 1
1 C 12 II	CCCP	1	1,2	0,03	67,5		1,4	0,37	U_{osc}= 3,5 V		I_g = 3,5 μA	mix[1]
					90		2,2	0,42	U_{osc}= 4,5 V		I_g = 4,5 μA	mix[1]
					90(5 kΩ)		1,9	0,4	U_{osc}= 4 V		I_g = 4 μA	mix[1]
					90	maximum (R_g=3 MΩ; I_k=2,5 mA)					0,25	
1 C 3	amer	2	1,4	0,05	90	— 3	1,4	0,76	14,5	19		
1 E 4-G	amer	3	1,4	0,05	90	0	4,5	1,3	14,5	11,2		
1 LE 3	amer	4	1,4	0,05								
1 G 4-G	amer	3	1,4	0,05	90	— 6	2,3	0,825	8,8	10,7		
1 T 4[2]	int	5	1,4	0,025	90	— 2,5	4,2	1,1	11	8		
1293	Syl	4	1,4	0,11	90	0	5,2	1,3	15	10,7		A 1
					90	—20	13,2	R_g=10 kΩ; f=120 MHz				osc.

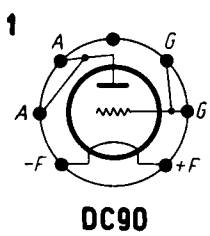
[1]) R_g = 1 MΩ; f = 100 MHz; $U_{osc} = I_g \times R_g$

[2]) vide gr. 176

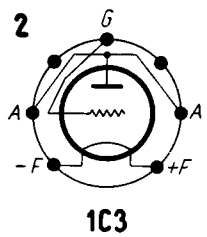
Equivalents

1 LF 3	amer=1 LE 3
1 G 4-GT	amer=1 G 4-G

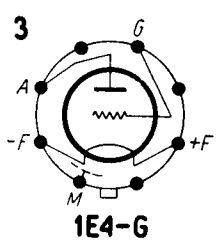
T.	$C_{a/g}$	$C_{g/f}$	$C_{a/f}$
	pF	pF	pF
DC 90	3	0,8	1,4
DC 96	3	0,95	1,6
1 C 3	1,8	0,9	4,2
1 LE 3	1,7	1,7	3
1 G 4-G	2,8	2,2	3,4



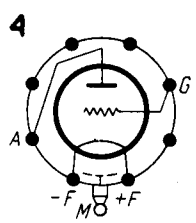
DC90



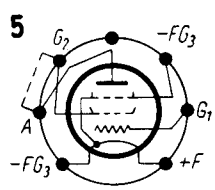
1C3



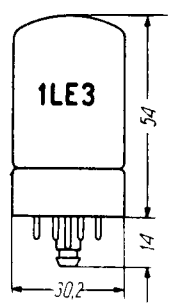
1E4-G

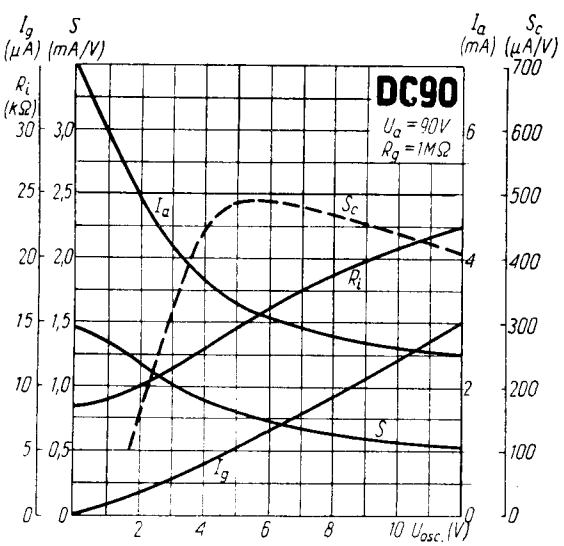


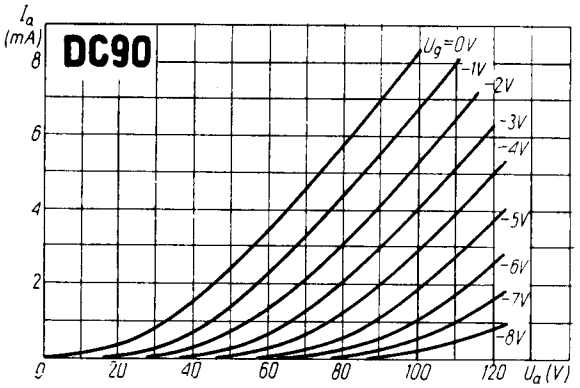
1LE3

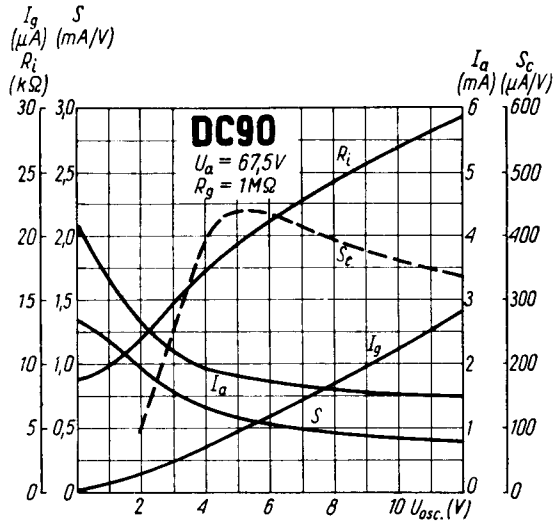


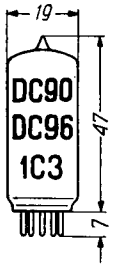
1T4

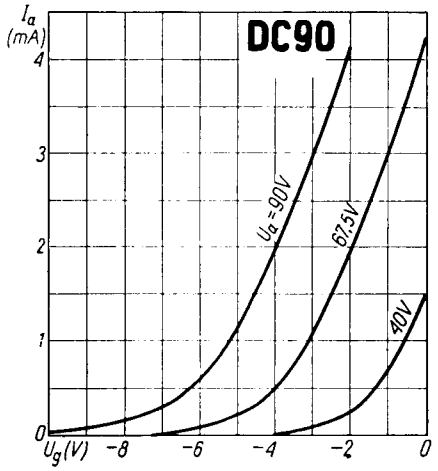


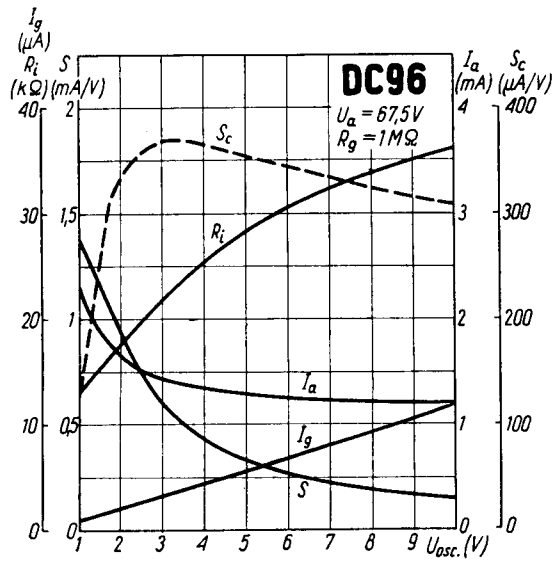


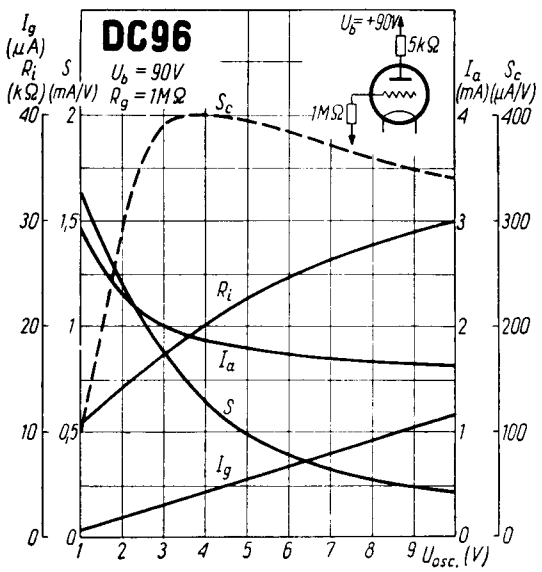


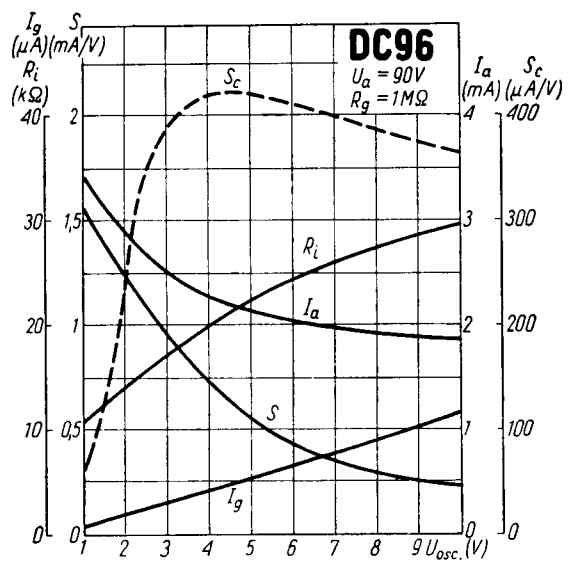

DC90
U_a = 67,5V
R_g = 1MΩ
I_g (μA)
R_i (kΩ)
S (mA/V)
I_a (mA)
S_c (μA/V)
R_i
S_c
I_g
I_a
S
$U_{osc.}$ (V)

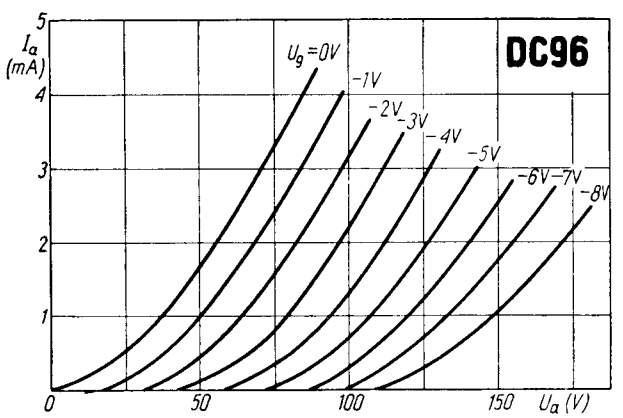

19
DC90
DC96
1C3
47
7

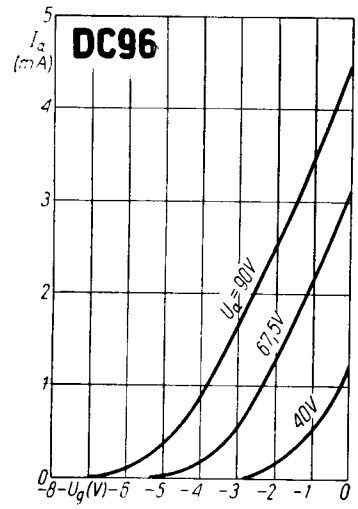

DC90
I_a (mA)
U_a = 90V
67,5V
40V
U_g (V)

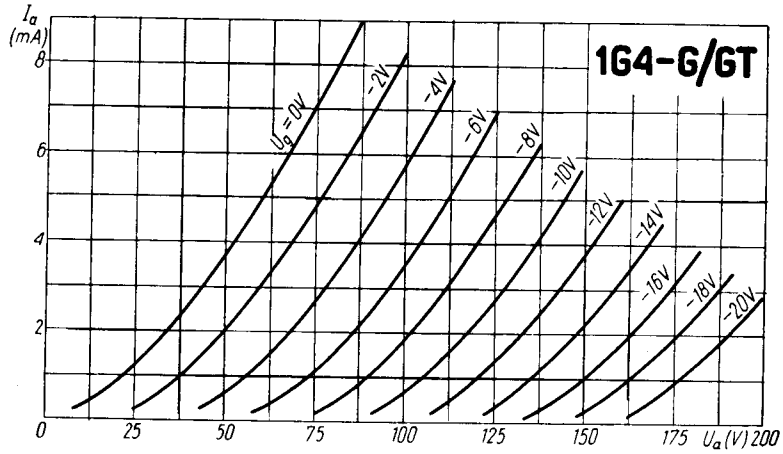

DC96
U_a = 67,5V
R_g = 1MΩ
I_g (μA)
R_i (kΩ)
S (mA/V)
I_a (mA)
S_c (μA/V)
S_c
R_i
I_a
I_g
S
$U_{osc.}$ (V)


DC96
U_b = 90V
R_g = 1MΩ
U_b = +90V
5kΩ
1MΩ
I_g (μA)
R_i (kΩ)
S (mA/V)
I_a (mA)
S_c (μA/V)
S_c
R_i
I_a
S
I_g
$U_{osc.}$ (V)


DC96
U_a = 90V
R_g = 1MΩ
I_g (μA)
R_i (kΩ)
S (mA/V)
I_a (mA)
S_c (μA/V)
S_c
R_i
I_a
S
I_g
$U_{osc.}$ (V)


DC96
I_a (mA)
U_g = 0V
-1V
-2V
-3V
-4V
-5V
-6V
-7V
-8V
U_a (V)


DC96
I_a (mA)
U_{g2} = 90V
67.5V
40V
$-8-U_g$(V)-6 -5 -4 -3 -2 -1 0


1G4-G/GT
I_a (mA)
U_g = 0V
-2V
-4V
-6V
-8V
-10V
-12V
-14V
-16V
-18V
-20V
0 25 50 75 100 125 150 175 U_a(V) 200