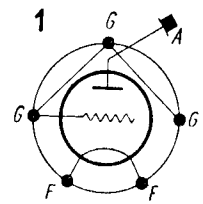
T.			U_f	I_f	Cl.	U_a	U_g	I_a	I_g	$U_{g\approx}$	P_{dr}	$R_{a/a}$	P_o	P_q
			V	A		V	V	mA	mA	V	W	kΩ	W	W
RS 630	TIf	1	5	14	C-Tgr	1500	−120	400	80	295	21,5		425	175
						2000	−150	400	80	320	23		585	215
						2500	−200	400	69	380	23,5		750	250
						3000	−250	363	69	430	27		840	250
					C-Tgr (Fig. 1)	1500	−120	400×2	80×2	295×2	116×2		850+190	175×2
						2000	−150	400×2	80×2	320×2	125×2		1170+204	215×2
						2500	−200	400×2	69×2	380×2	147×2		1500+247	250×2
						3000	−250	363×2	69×2	430×2	155×2		1680+256	250×2
					C-TIf (A-Mod)	2000	−225	250	70	370	23,5		375	125
						2500	−300	250	70	440	28		487	143
					B-TIf	2000	− 70	188	85	86	13,2		126	250
						2500	− 90	153	70	89	11,3		133	250
						3000	−110	130	62	91	10,2		140	250
					B(≈) Modul.	1500	− 47,5	(50÷390)×2	(0÷90)×2	188×2	15×2	4,65	860	155×2
						2000	− 68,5	(50÷390)×2	(0÷90)×2	213×2	17×2	6,45	1170	195×2
						2500	− 90	(50÷345)×2	(0÷90)×2	230×2	19×2	9,65	1290	215×2
						3000	−110	(50÷285)×2	(0÷75)×2	233×2	16×2	14,2	1280	215×2
					stat.	2000		110	$S = 5{,}5$ mA/V; $\mu = 25$					
						3000		maximum ($I_k = 480$ mA; $P_g = 30$ W; $f = 150$ MHz)						250



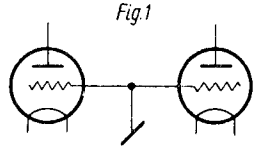
RS630

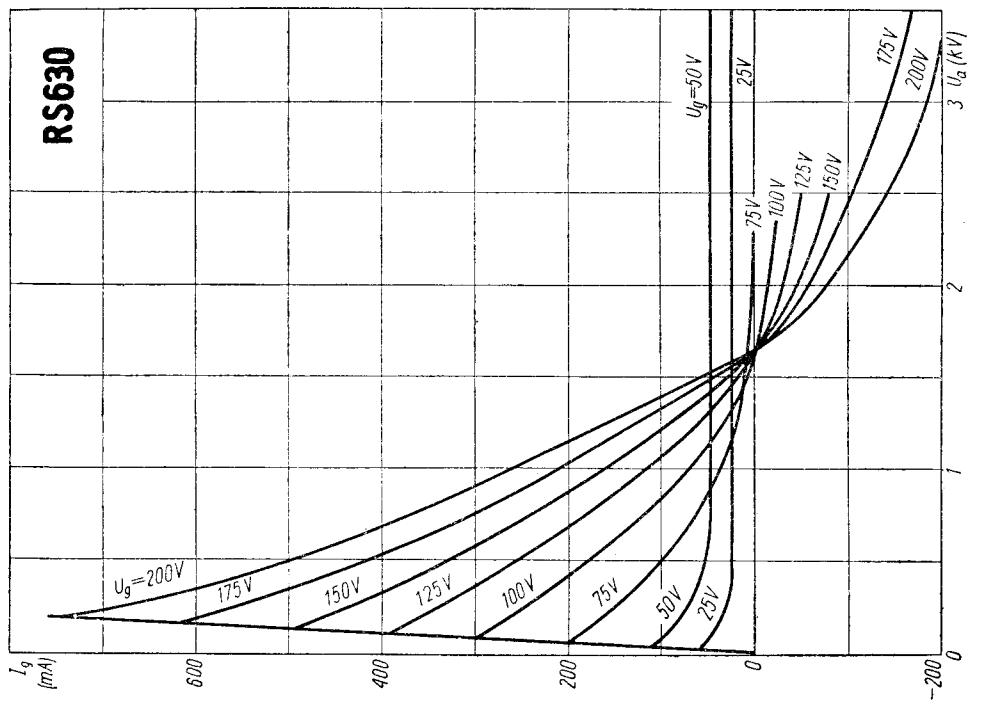
C_g	C_a	$C_{g/a}$
pF	pF	pF
7	0,15	5,3

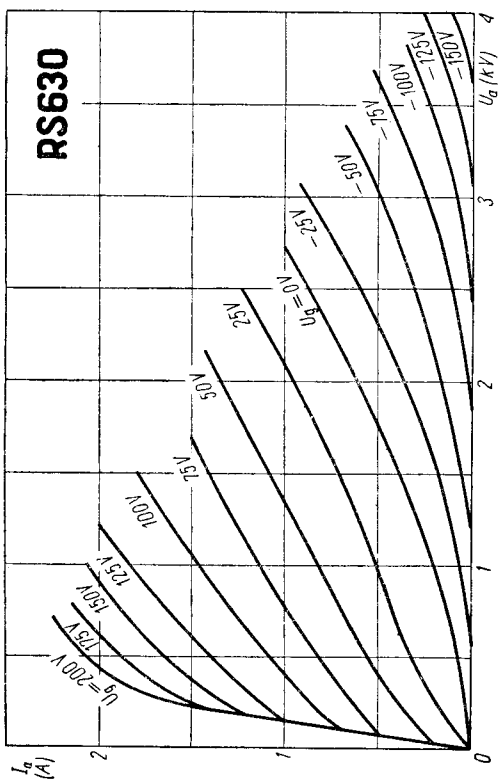
Equivalents

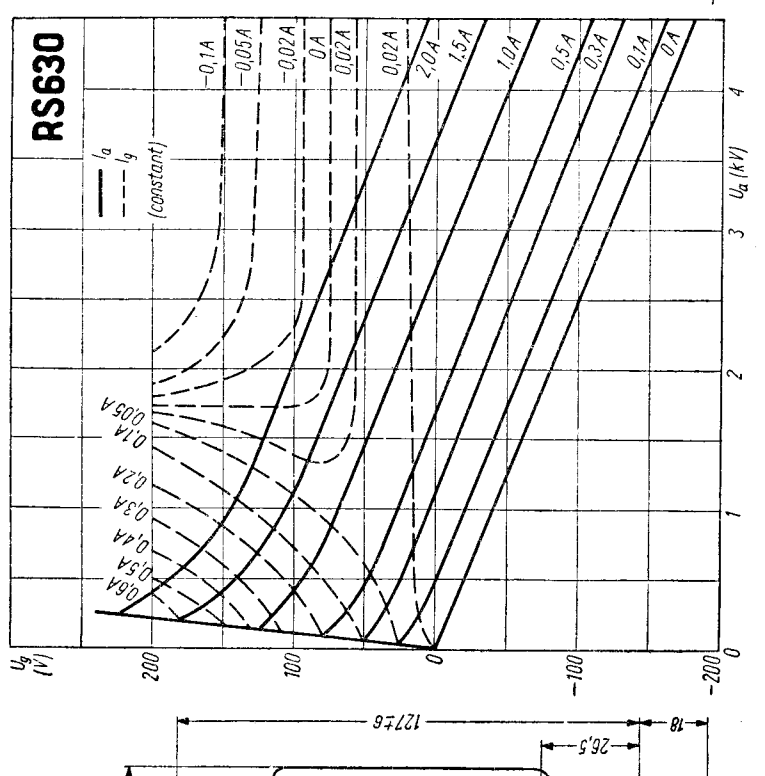
SRS 360	RFT	**5867**	amer
TB 3/750	Phl	**9901**	amer
TY 3-250	Mul		

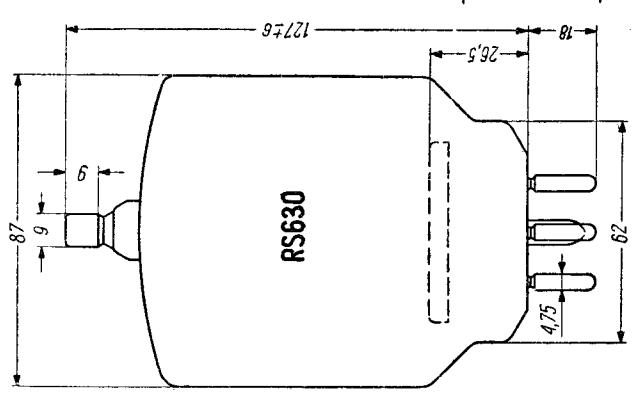
Fig.1

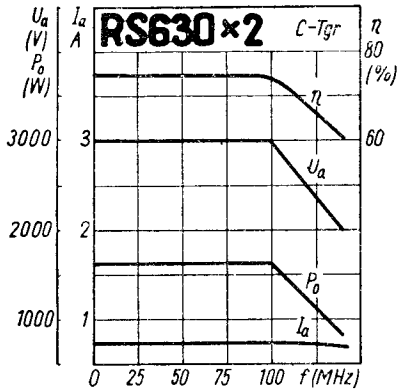


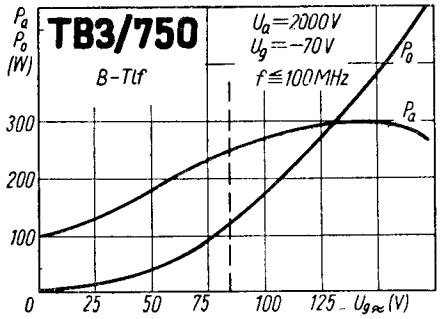

RS630
I_g (mA)
U_a (KV)
U_g=200V
175V
150V
125V
100V
75V
50V
25V
U_g=50V
25V
75V
100V
125V
150V
175V
200V

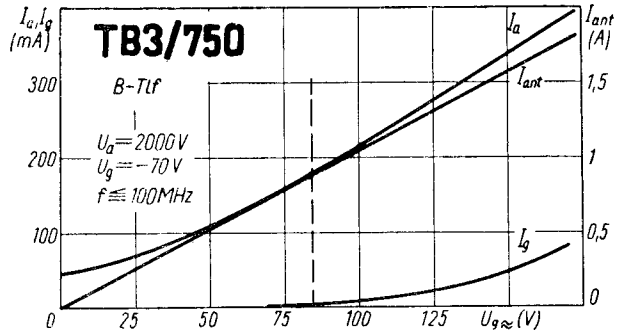

RS630
I_a (A)
U_a (KV)
U_g=200V
175V
150V
125V
100V
75V
50V
25V
U_g=0V
−25V
−50V
−75V
−100V
−125V
−150V

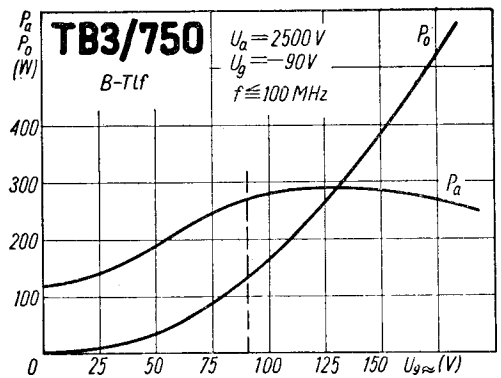

RS630
I_a
I_g
(constant)
U_g (V)
U_a (KV)
−0,1A
−0,05A
−0,02A
0A
0,02A
0,02A
2,0A
1,5A
1,0A
0,5A
0,3A
0,1A
0A
0,6A
0,5A
0,4A
0,3A
0,2A
0,1A
0,05A

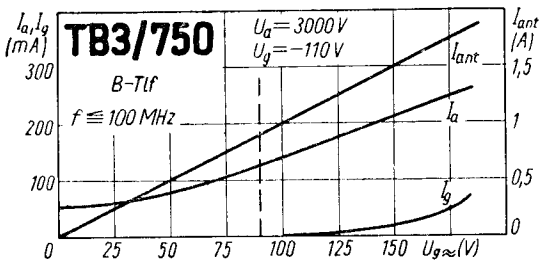

RS630
127±6
18
26,5
87
62
9
6
4,75

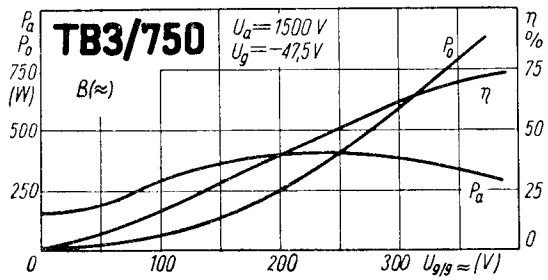

RS630×2
C-Tgr
U_a (V)
I_a A
P_o (W)
η
80
(%)
60
3000
2000
1000
3
2
1
U_a
P_o
I_a
0 25 50 75 100 f (MHz)

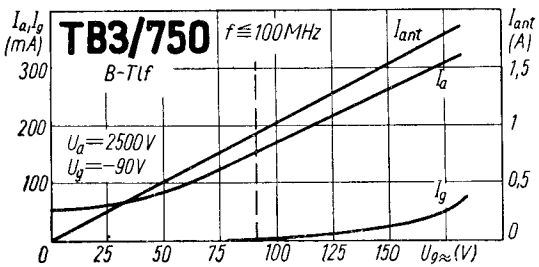

TB3/750
B-Tlf
U_a=2000 V
U_g=−70 V
f≦100 MHz
P_a P_o (W)
P_o
P_a
0 25 50 75 100 125 $U_{g\sim}$ (V)

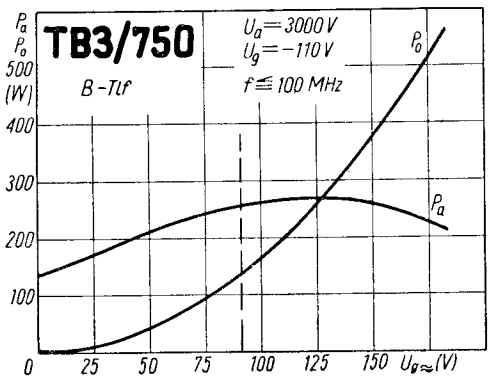

TB3/750
B-Tlf
U_a=2000 V
U_g=−70 V
f≦100 MHz
I_a, I_g (mA)
I_{ant} (A)
I_a
I_{ant}
I_g
0 25 50 75 100 125 $U_{g\sim}$ (V)

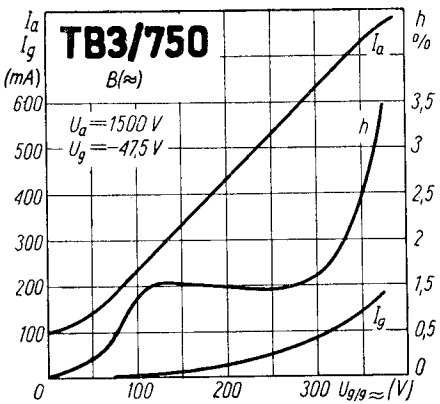

TB3/750
B-Tlf
U_a=2500 V
U_g=−90 V
f≦100 MHz
P_a P_o (W)
P_o
P_a
0 25 50 75 100 125 150 $U_{g\sim}$ (V)

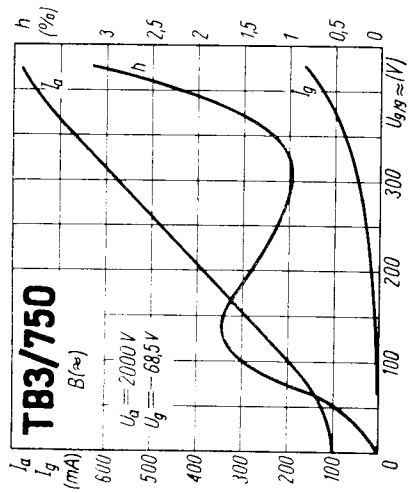

TB3/750
B-Tlf
f≦100 MHz
U_a=3000 V
U_g=−110 V
I_a, I_g (mA)
I_{ant} (A)
I_{ant}
I_a
I_g
0 25 50 75 100 125 150 $U_{g\sim}$ (V)

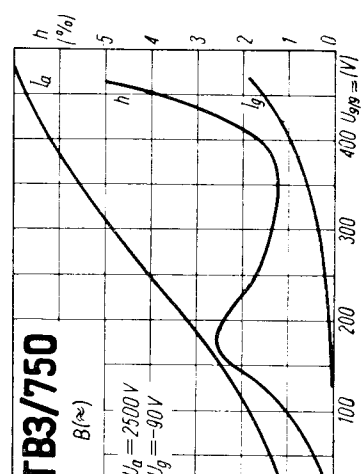

TB3/750
B(≈)
U_a=1500 V
U_g=−47,5 V
P_a P_o (W)
η %
P_o
η
P_a
0 100 200 300 $U_{g/g\sim}$ (V)

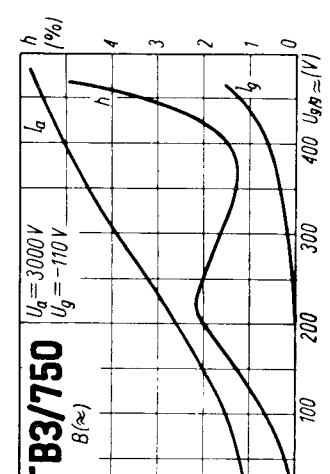

TB3/750
B-Tlf
f≦100 MHz
U_a=2500 V
U_g=−90 V
I_a, I_g (mA)
I_{ant} (A)
I_{ant}
I_a
I_g
0 25 50 75 100 125 150 $U_{g\sim}$ (V)

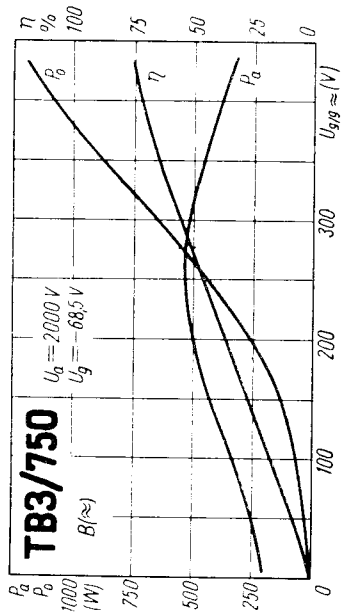

TB3/750
B-Tlf
U_a=3000 V
U_g=−110 V
f≦100 MHz
P_a P_o (W)
P_o
P_a
0 25 50 75 100 125 150 $U_{g\sim}$ (V)

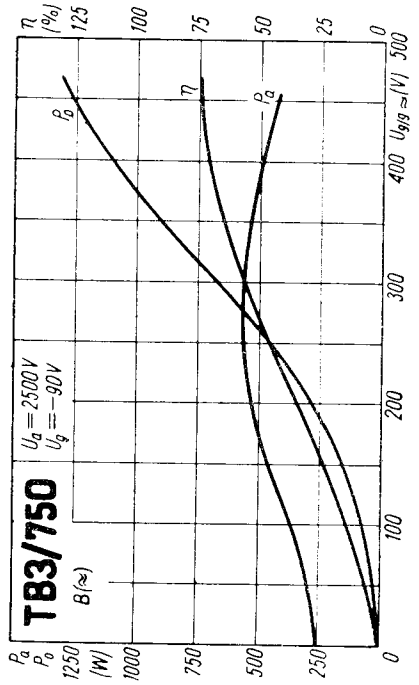

TB3/750
B(≈)
U_a=1500 V
U_g=−47,5 V
I_a I_g (mA)
h %
I_a
h
I_g
0 100 200 300 $U_{g/g\sim}$ (V)

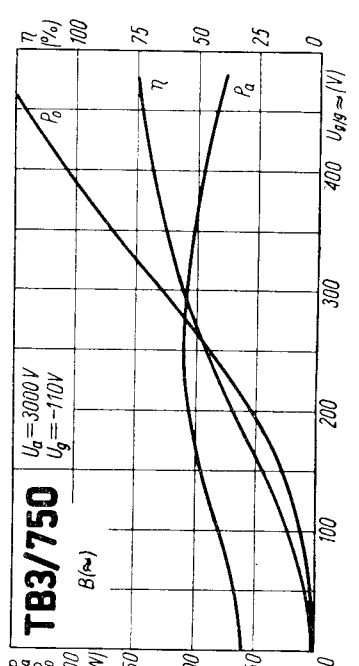

TB3/750
B(≈)
U_a = 2000 V
U_g = −68,5 V
I_a
I_g
(mA)
h
(%)
$U_{g/g}$ ≈ (V)


TB3/750
B(≈)
U_a = 2500 V
U_g = −90 V
I_a
I_g
(mA)
h
(%)
$U_{g/g}$ ≈ (V)


TB3/750
B(≈)
U_a = 3000 V
U_g = −110 V
I_a
I_g
(mA)
h
(%)
$U_{g/g}$ ≈ (V)


TB3/750
B(≈)
U_a = 2000 V
U_g = −68,5 V
P_a
P_o
(W)
η
%
$U_{g/g}$ ≈ (V)


TB3/750
B(≈)
U_a = 2500 V
U_g = −90 V
P_a
P_o
(W)
η
(%)
$U_{g/g}$ ≈ (V)


TB3/750
B(≈)
U_a = 3000 V
U_g = −110 V
P_a
P_o
(W)
η
(%)
$U_{g/g}$ ≈ (V)