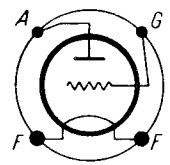
T.			U_f	I_f	Cl.	f	U_a	U_g	I_a	I_g	$U_{g\approx}$	P_{dr}	$R_{a/a}$	P_o	P_a
			V	A		MHz	V	V	mA	mA	V	W	kΩ	W	W
					C-Tgr	<20	3000	−200	550	50	400	20		1200	450
					C-Tlf	<20	2500	−250	400	80	480	38		720	280
					B-Tlf	<20	3000	− 90	220	80	127	20		200	460
E 1200	SFR	1	12	9,5	B (≈)		2000	− 50	(50÷400)×2	28×2	170×2	5×2	5,08	1000	300×2
TB 3/1000	Phl	2	12	8,5	Modul.		2500	− 60	(80÷430)×2	25×2	180×2	5×2	6,6	1400	375×2
							3000	− 75	(65÷430)×2	25×2	195×2	5×2	8,2	1750	415×2
					stat.				150	S = 8 mA/V; μ = 31					
						30	3000		maximum (I_k = 700 mA; P_g = 40 W)						500
					C-Tgr	15	4000	−310	500	75				1500	500
TYS 4-500	Mul	3	10	10	stat.		2000		250	S = 6 mA/V; μ = 24					
						15	4000		maximum (I_k = 750 mA)						500
					C-Tgr	<30	3000	−150	650	140	500	70		1500	450
					B-Tgr	<30	3000	− 90	20÷480	90	330	30		1000	440
RS 629 A	Tlf	4	6,3/12,6	34/17	stat.		3000		150	S = 4 mA/V; μ = 33					
						75	5000		maximum (P_g = 125 W)						500

1

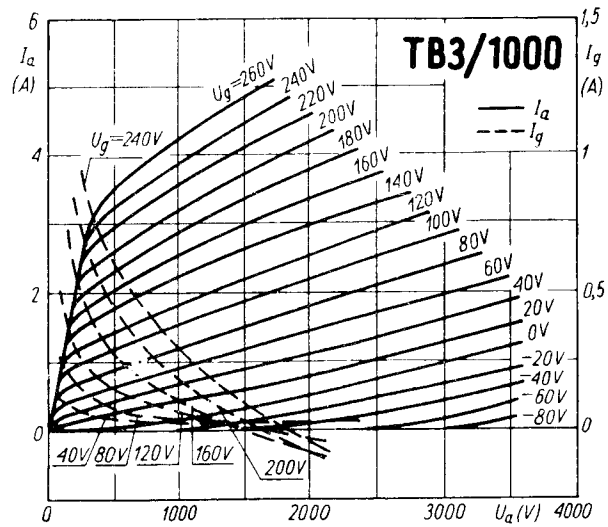


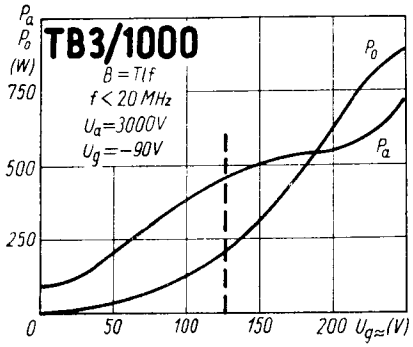
E1200

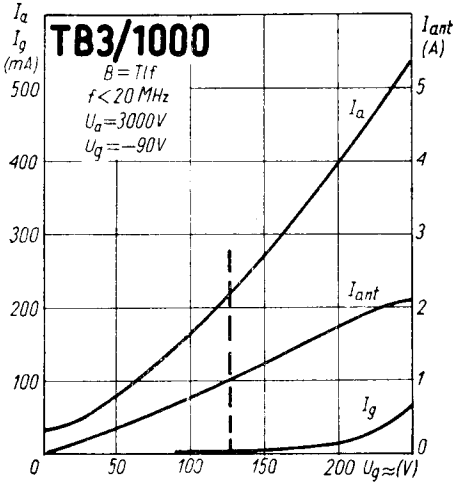
T.	C_g	C_a	$C_{g/a}$
	pF	pF	pF
E 1200	11	8	10
TB 3/1000	15	7	8
TYS 4-500	7,5	1,5	10
RS 629 A	12	1,3	7

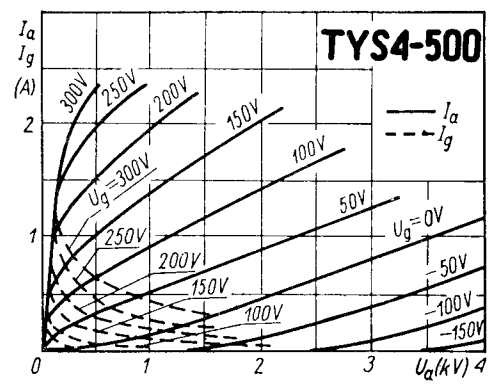
Equivalent RS 629 A

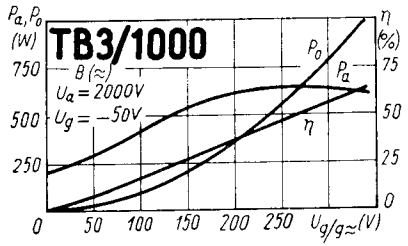
RS 629	Tlf

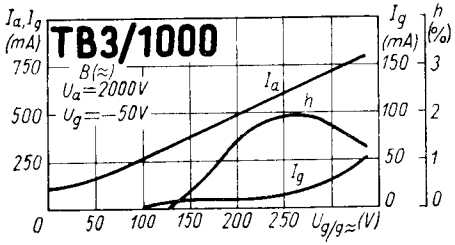


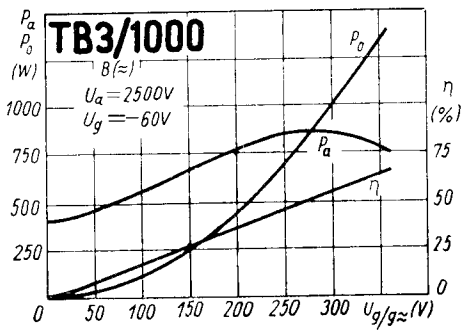

TB3/1000
B = TIf
f < 20 MHz
Ua=3000V
Ug=−90V
Pa
Po
(W)
Po
Pa
Ug≈(V)

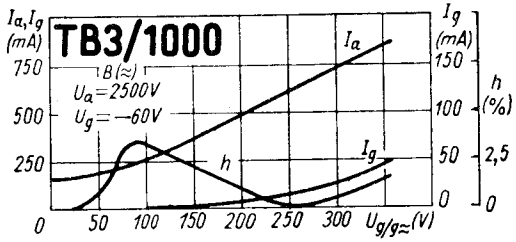

TB3/1000
B = TIf
f < 20 MHz
Ua=3000V
Ug=−90V
Ia
Ig
(mA)
Iant
(A)
Iant
Ug≈(V)

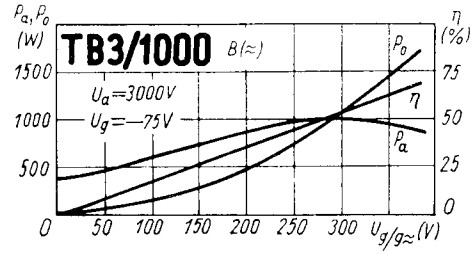

TYS4-500
Ia
Ig
(A)
Ia
Ig
Ug=300V
250V
200V
150V
100V
50V
Ug=0V
−50V
−100V
−150V
Ua(kV)

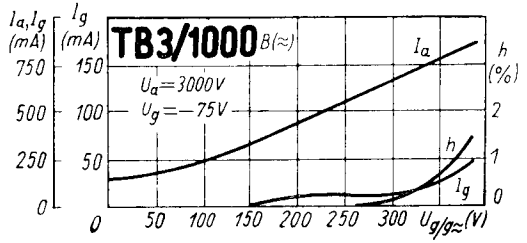

TB3/1000
B(≈)
Ua=2000V
Ug=−50V
Pa,Po
(W)
η
(%)
Po
Pa
η
Ug/g≈(V)


TB3/1000
B(≈)
Ua=2000V
Ug=−50V
Ia,Ig
(mA)
Ig
(mA)
h
(%)
Ia
h
Ig
Ug/g≈(V)

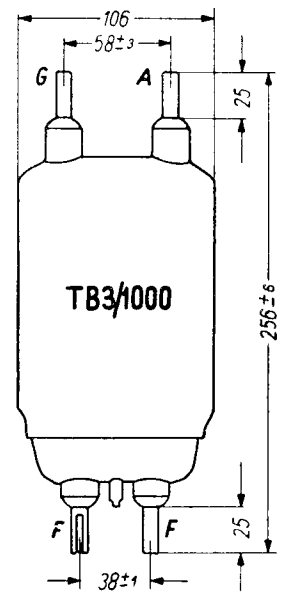

TB3/1000
B(≈)
Ua=2500V
Ug=−60V
Pa
Po
(W)
η
(%)
Po
Pa
η
Ug/g≈(V)

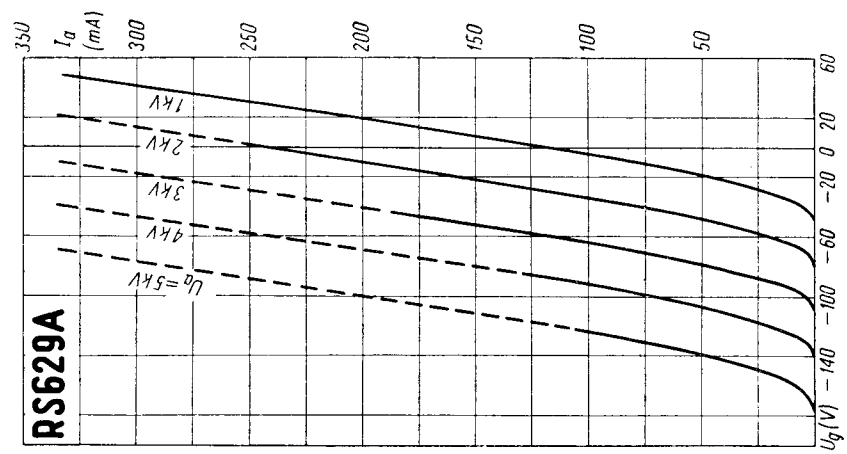

TB3/1000
B(≈)
Ua=2500V
Ug=−60V
Ia,Ig
(mA)
Ig
(mA)
h
(%)
Ia
h
Ig
Ug/g≈(V)

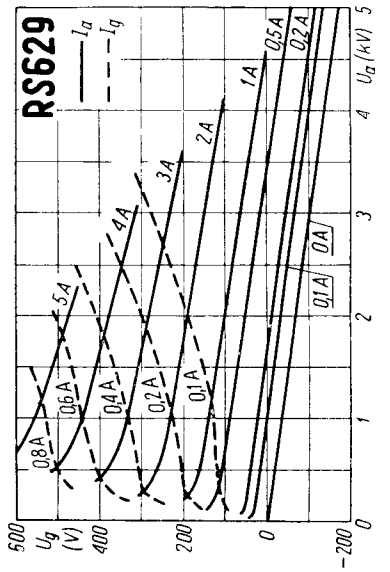

TB3/1000
B(≈)
Ua=3000V
Ug=−75V
Pa,Po
(W)
η
(%)
Po
η
Pa
Ug/g≈(V)

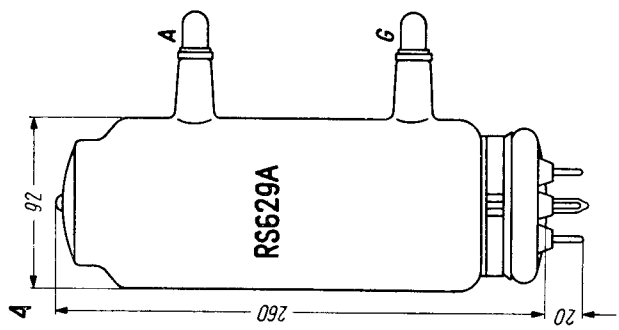

TB3/1000
B(≈)
Ua=3000V
Ug=−75V
Ia,Ig
(mA)
Ig
(mA)
h
(%)
Ia
h
Ig
Ug/g≈(V)

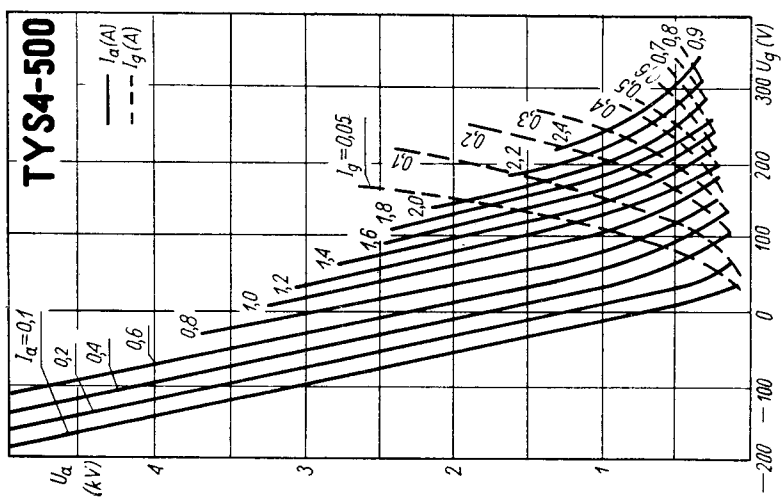
2

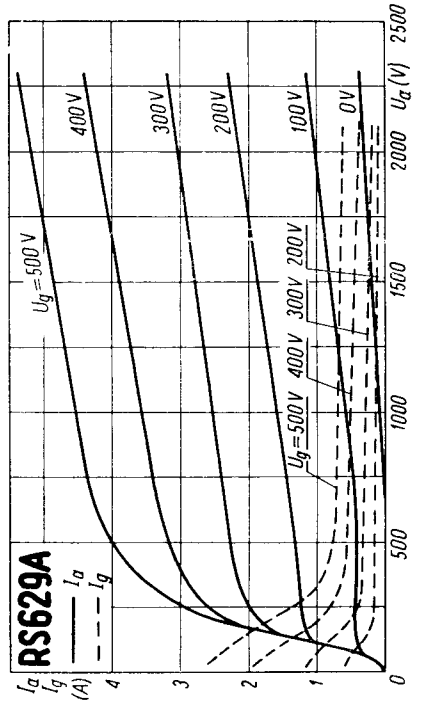

106
58±3
G
A
25
TB3/1000
256±6
F
F
25
38±1

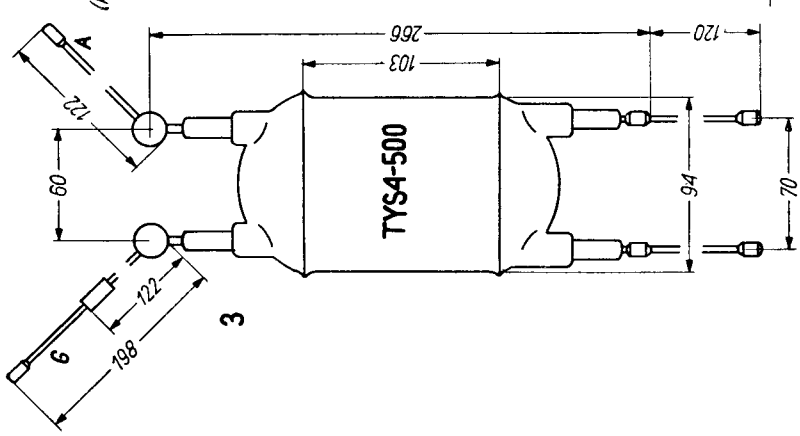

RS629A
I_a (mA)
U_g (V)
U_a=5kV
4kV
3kV
2kV
1kV

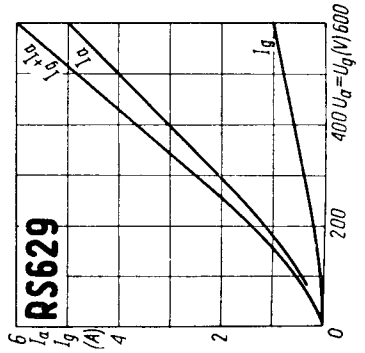

RS629
I_a
I_g
U_g (V)
U_a (kV)
5A
4A
3A
2A
1A
0,8A
0,6A
0,4A
0,2A
0,1A
0,5A
0,2A
0,1A
0A


RS629A
A
G
K
92
260
20


TYS4-500
I_a(A)
I_g(A)
U_a (kV)
U_g (V)
I_g=0,05
I_a=0,1


RS629A
I_a
I_g
U_g=500 V
400 V
300 V
200 V
100 V
0V
U_a (V)


TYS4-500
A
G
K
266
103
120
94
70
60
122
198


RS629
I_a
I_g
U_a=U_g(V)/600