

Vorgaben/Pre-settings:

heater voltage:12.6 V, heater current:0.3 A, heater type:indirekt

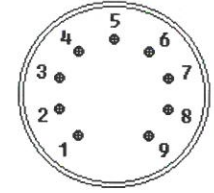
Ergebnisse/Results:

#1505

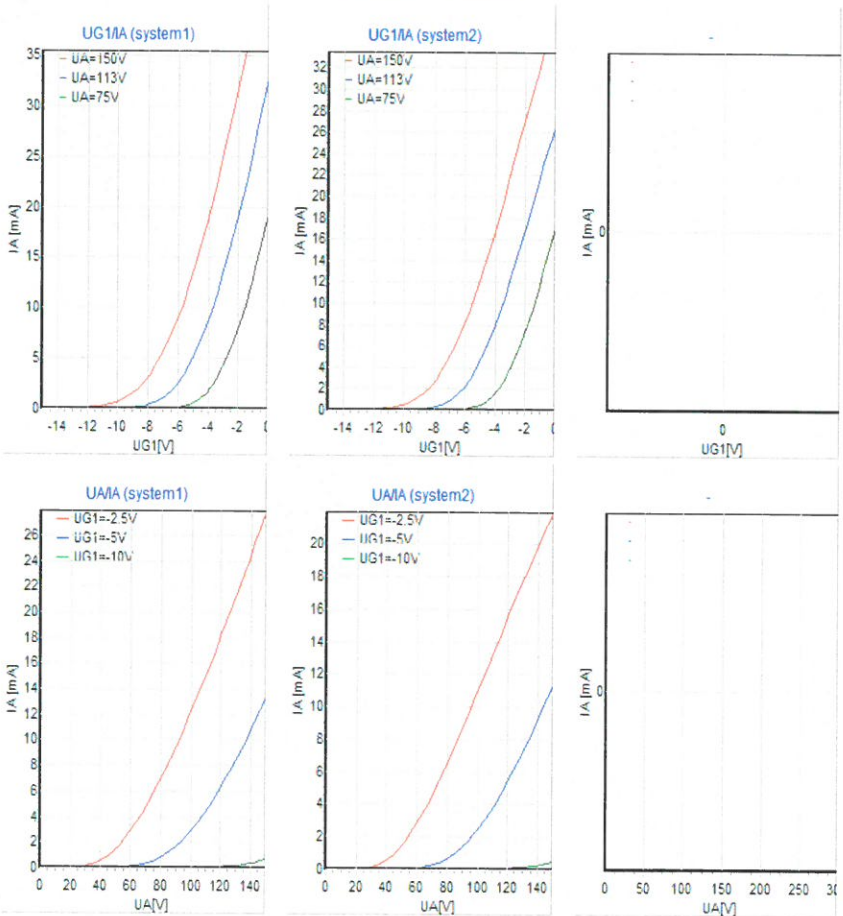
system	1	2	3
type of tube system	Triode	Triode	-
pinout			
Pin 1		A	
Pin 2		K	
Pin 3		G1	
Pin 4	F1	F1	
Pin 5	F2	F2	
Pin 6	A		
Pin 7	K		
Pin 8	G1		
Pin 9			
Pin 10 or ext. connector			
absolute maximum ratings:			
UA [V]	300.0	300.0	0.0
UG2 [V]	0	0	0
IK [mA]	25.000	25.000	0.000
NA [W]	3.500	3.500	0.000
NG2 [W]	0.000	0.000	0.000
typical ratings:			
UA [V]	150.0	150.0	0.0
UG1 [V]	-5.00	-5.00	0.00
UG2 [V]	0.0	0.0	0.0
UG3 [V]	0.0	0.0	0.0
IA [mA]	11.000	11.000	0.000
IG2 [mA]	0.000	0.000	0.000
S [mA/V]	4.60	4.60	0.00
μ	18.0	18.0	0.0
D [%]	0.0	0.0	0.0
RI [kOhm]	3.9	3.9	0.0
Data for curves:			
Grid1 curves:	UG1/IA	UG1/IA	
1: UA [V]	150	150	
1: UG1 [V] starting at	-15	-15	
1: UG2 [V]	0	0	
1: UG3 [V]	0	0	
2: UA [V]	113	113	
2: UG1 [V] starting at	-15	-15	
2: UG2 [V]	0	0	
2: UG3 [V]	0	0	
3: UA [V]	75	75	
2: UG1 [V] starting at	-15	-15	
3: UG2 [V]	0	0	
3: UG3 [V]	0	0	
Plate-Screen curves	UA/IA	UA/IA	
1: UA [V] up to	150	150	
1: UG1 [V]	-2.5	-2.5	
1: UG2 [V] up to	0	0	
1: UG3 [V]	0	0	
2: UA [V] up to	150	150	
2: UG1 [V]	-5	-5	
2: UG2 [V] up to	0	0	
2: UG3 [V]	0	0	
3: UA [V] up to	150	150	
3: UG1 [V]	-10	-10	
3: UG2 [V] up to	0	0	
3: UG3 [V]	0	0	
f(UaPentode) start at[V]			
AC-simulation, +V	0	0	0

system	1	2	3
type of tube system	Triode	Triode	
nominal plate current [mA]	11	11	
measured plate current [mA]	13.249	11.944	
= percent of nominal	120	109	
Nominal screen grid current [mA]			
measured screen current [mA]			
= percent of nominal			
transconductance [mA/V]	4.79	4.36	
at grid voltage change (dUG1) [V]	0.6	0.6	
plate current [mA] at + 1/2 dUG1	14.726	13.279	
plate current [mA] at - 1/2 dUG1	11.854	10.661	
μ	18.2	18.8	
D of plate in % (D = 1/ μ)	5.5	5.3	
measured plate current [mA]	9.53	8.585	
at plate voltage	135	135	
D G2 [%]			
measured plate current [mA]			
at screen voltage			
Ri [KOhm]	4	4.5	
Ig [μ A]	0.0339	0.0328	

base: Noval B9A



8 x 36° 1.02 ϕ
PC ϕ : 11.9 mm B9A



selected heating version:intern DC
measured heater voltage:12.6 V
measured heater current:306.29 mA (Ph=3.859 W)
Aufheizzeit: 33 s

Ufk: 200V, Voltage for cathode short test: 200V (1): 0.027mA, Rfk>3 MOhm
Ufk: 200V, Voltage for cathode short test: 200V (2): 0.029mA, Rfk>3 MOhm

Ia (system:1/2/3)[μ A]:0.0339 / 0.0328 / 0
faktor vakuu: 0.0000260
Plate current variation:1.4 [%], IgR: 12.041 mA, IgIR: 11.869 mA

Surplus Sales of Nebraska
Where the Hard To Find Parts Are Found.
And On Hand

www.surplussales.com
(402) 346-4750