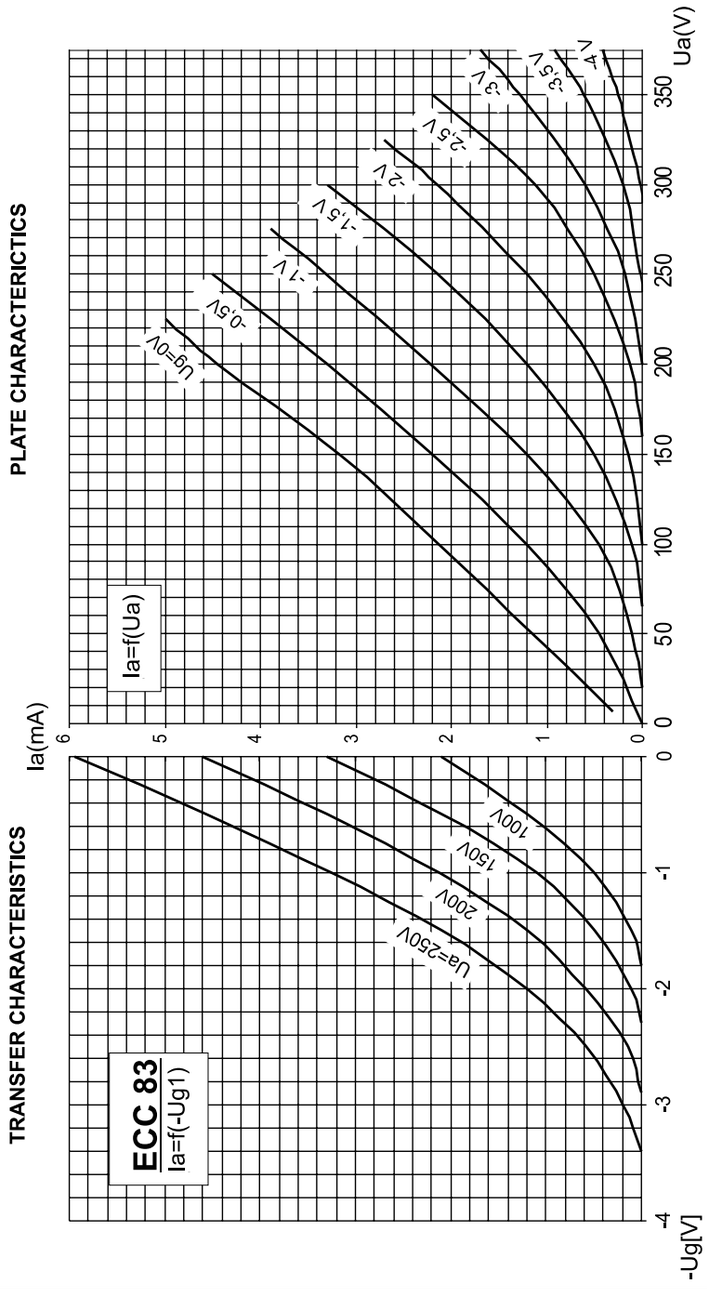


ECC83 S

R. F. DOUBLE TRIODE
Base: NOVAL

U_f = 6,3/12,6 V
I_f = ca.300/150 mA

Typical characteristic:

U_a = 250 V
U_g = -2 V
I_a = 1,2 mA
S = 1,6 mA/V
R_i = 62,5 kΩ
μ = 100

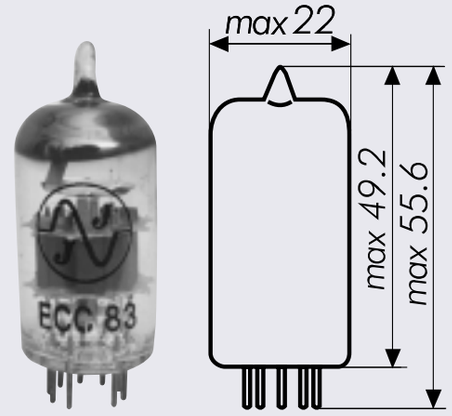
Limiting values:

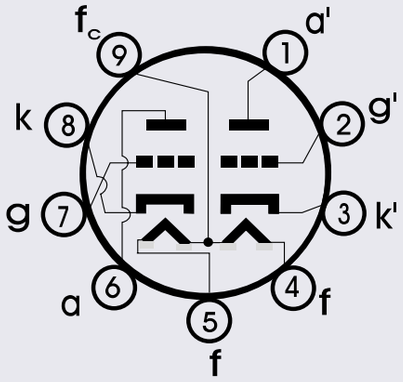
U_a = 300 V
W_a = 1 W
I_k = 8 mA
U_g = -50 V
R_g = 2,2 MΩ
$U_{k/f}$ = 180 V
$R_{k/f}$ = 150 kΩ

Capacitances:

	system I.	*system II.*
$c_{g/k}$	1,6	1,6 pF
c_a	0,33	0,33 pF
$c_{g/a}$	1,7	1,7 pF

Dimension and connections:





Operating characteristics:

Resistance - coupled amplifer
cathode grid bias

U_b =	250	400	250	400	250	400	V
R_a =	47	47	100	100	220	220	kΩ
R_g =	150	150	330	330	680	680	kΩ
R_k =	1,2	0,68	1,5	0,82	2,7	1,2	kΩ
I_a =	1,18	2,45	0,86	1,72	0,48	1,02	mA