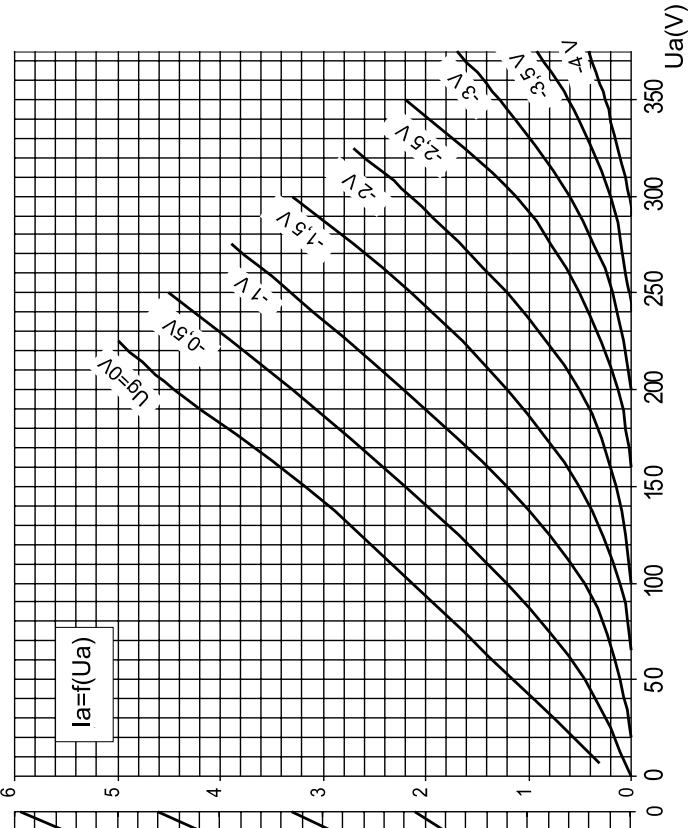
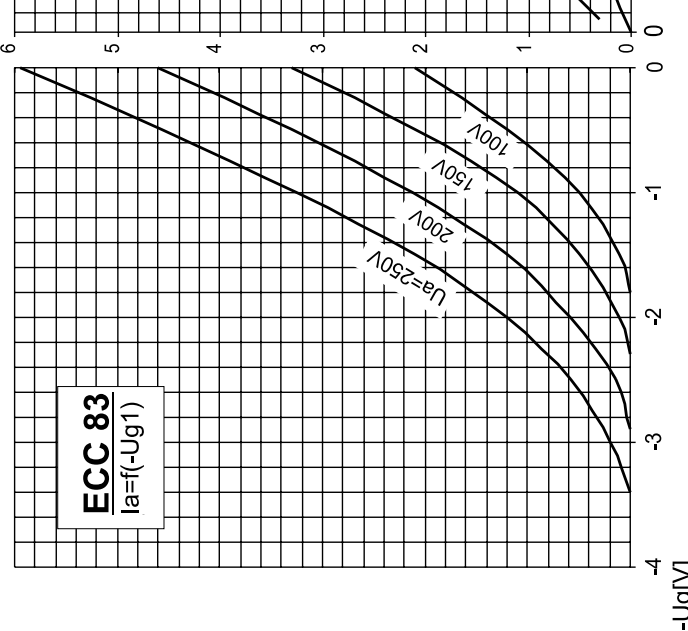




PLATE CHARACTERISTICS



TRANSFER CHARACTERISTICS



# ECC83 S

**R. F. DOUBLE TRIODE**  
**Base: NOVAL**

$U_f = 6,3/12,6 \text{ V}$   
 $I_f = \text{ca.} 300/150 \text{ mA}$

**Typical characteristic:**

$U_a = 250 \text{ V}$   
 $U_g = -2 \text{ V}$   
 $I_a = 1,2 \text{ mA}$   
 $S = 1,6 \text{ mA/V}$   
 $R_i = 62,5 \text{ k}\Omega$   
 $\mu = 100$

**Limiting values:**

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

**Capacitances:**

	<i>system I.</i>	<i>system II.</i>
$C_{g/k} =$	1,6	1,6 pF
$C_a =$	0,33	0,33 pF
$C_{g/a} =$	1,7	1,7 pF

**Operating characteristics:**

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

**Dimension and connections:**

