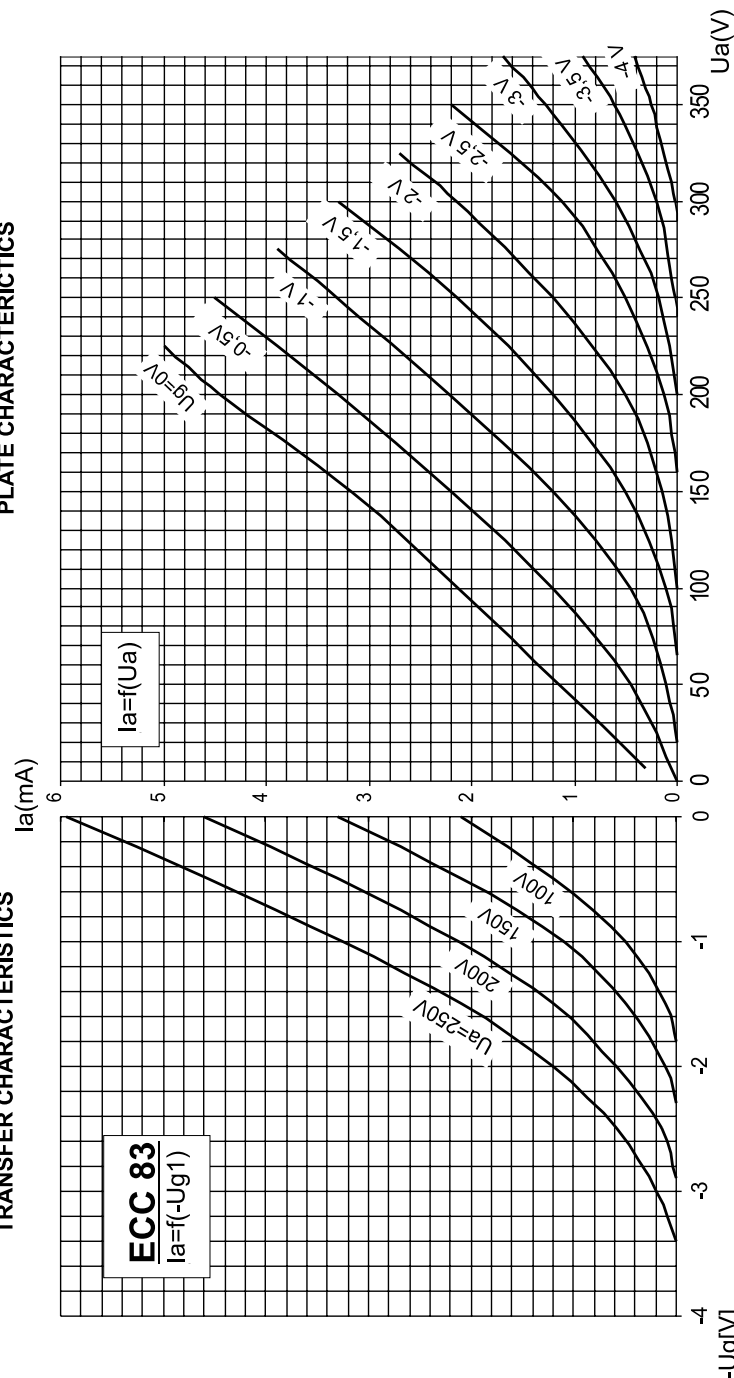




PLATE CHARACTERISTICS



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:

	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	

Operating characteristics:

$U_b =$	250	400	250	400	250	400	V
$R_a =$	47	47	100	100	220	220	k Ω
$R_g =$	150	150	330	330	680	680	k Ω
Resistance - coupled amplifier	$R_k =$	1,2	0,68	1,5	0,82	2,7	1,2 k Ω
cathode grid bias	$I_a =$	1,18	2,45	0,86	1,72	0,48	1,02 mA

Dimension and connections:

