

# ECC 803

A. F. twin triode with separate cathodes, non microphonic

**Base:** NOVAL

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

## Typical characteristic:

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

## Limiting values:

$$U_a = 330 \text{ V}$$
$$W_a = 1,2 \text{ W}$$
$$I_k = 9 \text{ mA}$$
$$U_g = -55 \text{ V}$$
$$R_g = 2,2 \text{ M}\Omega$$
$$U_{k/f} = 200 \text{ V}$$

## Capacitances:

system I.	system II.
$C_{g/k} = 1,6$	$C_{g/k} = 1,6 \text{ pF}$
$C_a = 0,46$	$C_a = 0,34 \text{ pF}$
$C_{g/a} = 1,7$	$C_{g/a} = 1,7 \text{ pF}$

## Operating characteristics:

Resistance - coupled amplifier

$U_b = 250$	250	250	V
$R_a = 47$	100	220	k $\Omega$
$I_a = 1,18$	0,86	0,48	mA
$R_g = 1$	1	1	M $\Omega$
$R_k = 1,2$	1,5	2,7	k $\Omega$

## Dimension and connections:

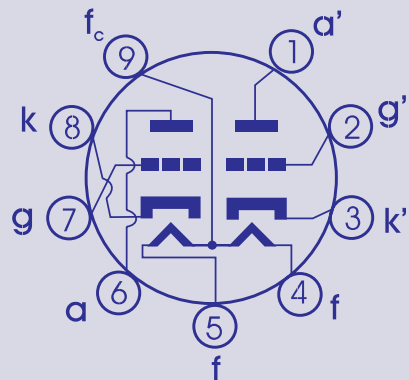
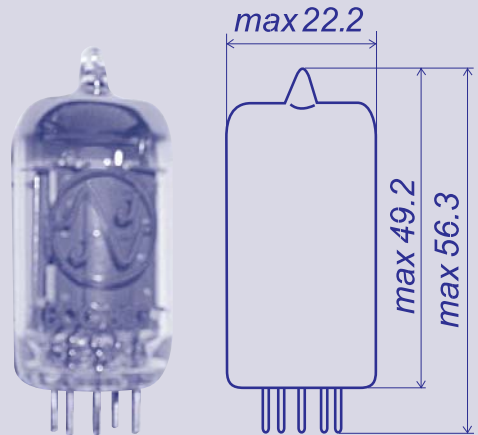
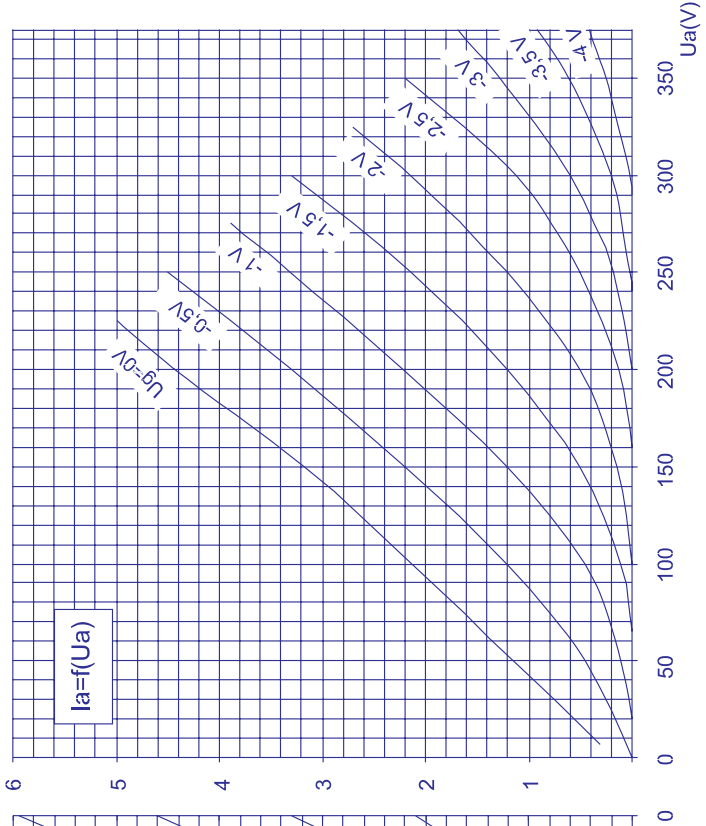




PLATE CHARACTERISTICS



TRANSFER CHARACTERISTICS

