



Parameters of the Tubes, Data, Photo, pin-out, Curves...

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Tube	6C3n-EB, 6S3p-EV
Sketch	
<b>General parameters</b>	
Measurement conditions	U <sub>h</sub> =6.3 V, U <sub>a</sub> =150 V, R <sub>c</sub> =100 Ohm
Heater current	300+-25 mA
Anode current	15+-4 mA
Anode current, onset	<10 mkA (at U <sub>g</sub> = -6.5 V)
Grid back current	< 0.3 mkA
Mutual conductance	19.5+-4.5 mA/V
Gain coefficient	50+-15
Input Resistance	5
Equivalent resistance of noise	<0.2
Vibro-noise voltage	<60 mV (at R <sub>a</sub> =0.5 kOhm)
<b>Interelectrode capacitance</b>	
Input capacitance	6.9+-1 pF
Output capacitance	1.65+-0.2 pF
Transfer capacitance	<2.2 pF

<b>Cathode-heater capacitance</b>	<7 pF
<b>Operating time</b>	
	>10 000 hrs
<b>Maximum of Parameters (upper bound)</b>	
<b>Heater (filament) voltage</b>	5.7 to 6.6 V
<b>Anode voltage</b>	150 V
<b>Anode voltage at closed tube</b>	150 V
<b>Anode power (dissipation)</b>	3 W
<b>Resistance to Grid</b>	0.5 MOhm
<b>Cathode current</b>	20 mA
<b>Tube bulb temperature</b>	90 °C
<b>Allowable outer temperature</b>	-60 to +125 °C
<b>Allowable vibrations</b>	
<b>Vibration</b>	10 g
<b>at frequency</b>	5 to 600 Hz
<b>Multiple blows</b>	150 g
<b>Single blow</b>	500 g
<b>Continues</b>	100 g
<b>Anode curves</b>	<a href="#">picture</a>
<b>Anode-Grid curves</b>	<a href="#">picture</a>

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