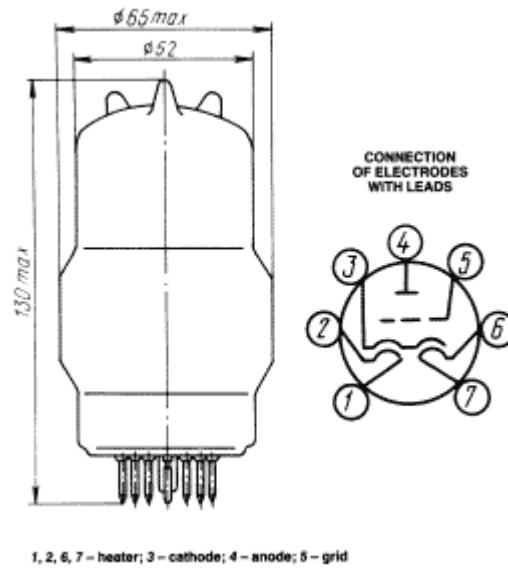


6C33C, 6C33C-B 6S33S, 6S33S-V



General characteristics

Type	6C33C	6C33C-B
Filament voltage, Volt	6.3 or 12.6	6.3 or 12.6
Anode voltage, Volt	120	120
Resistance in cathode circuit, Ohm	35	35

Type	6C33C	6C33C-B
Filament (heater) current, A	3.2 or 6.6	3.3 or 6.6
Anode current, mA	540 ± 90	550 ± 80
Reverse grid current, mA	≤ 5	≤ 5
Dissipate cathode-heater current, mA	≤ 150	≤ 150
Mutual conductance, mA/V	39	40
Internal resistance, Ohm	130	80—120
Vibration noise (by $R_A=2$ kOhm), mV	no more 500	no more 500
Inter electrode capacitance, pF: input	30	30 ± 7
output	10.5	10.5
transfer	31	31
Operation time, h	1000	750

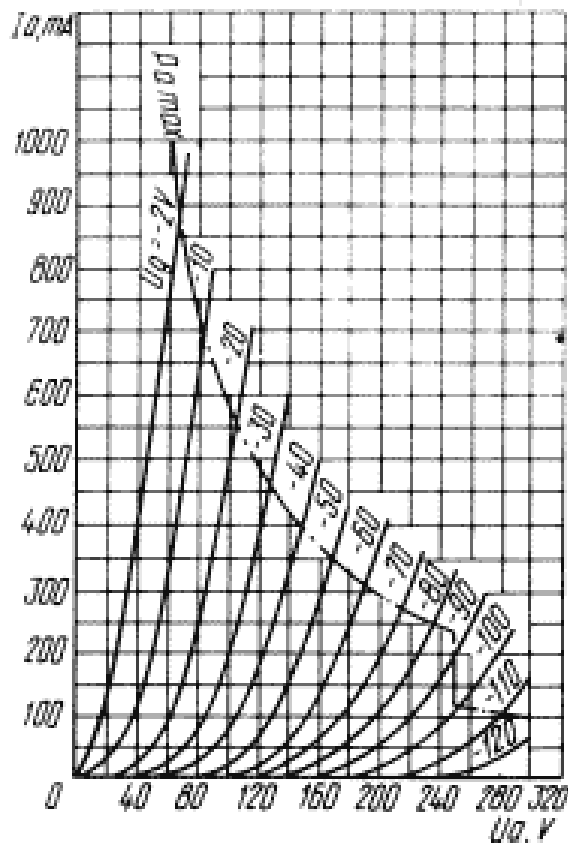
Limited operating values

Type	6C33C, 6C33C-B
Filament voltage, V	5.7—6.9 or 11.3—13.9
Anode voltage, V	250—450
Grid voltage, V	-0.5 to -150
Cathode – heater voltage, V	300
Cathode current, mA	350 or 600
Anode dissipation, W	45 or 60
Resistance in grid circuit, Mohm	0.2
Tubes temperature, °Ñ	260

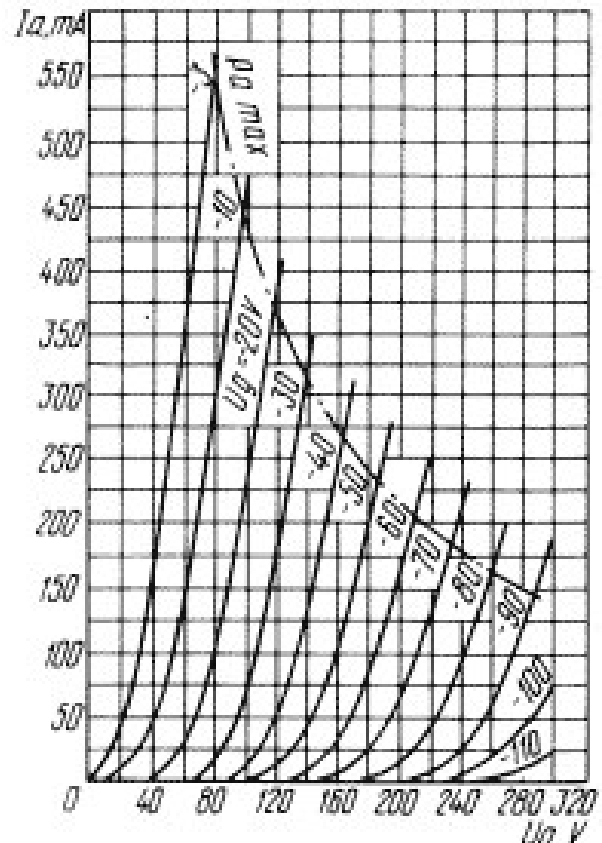
Operating environmental conditions

Type	6C33C	6C33C-B
Acceleration of vibration loads, g	4	6
by frequencies, Hz	10 to 250	10 to 300
Acceleration of multiple impacts, g	35	150
Acceleration of single impact, g	--	500
Continuos acceleration, g		100
Ambient temperature, °Ñ	-60 to +100	-60 to +100
Relative humidity at up to 40°C, %	98	98

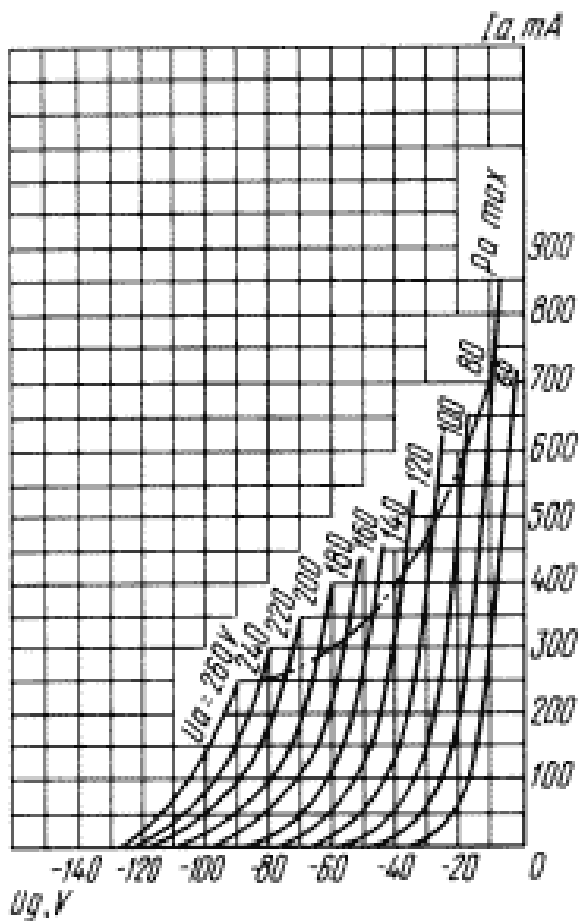
Plate-grid and plate curves of 6C33C



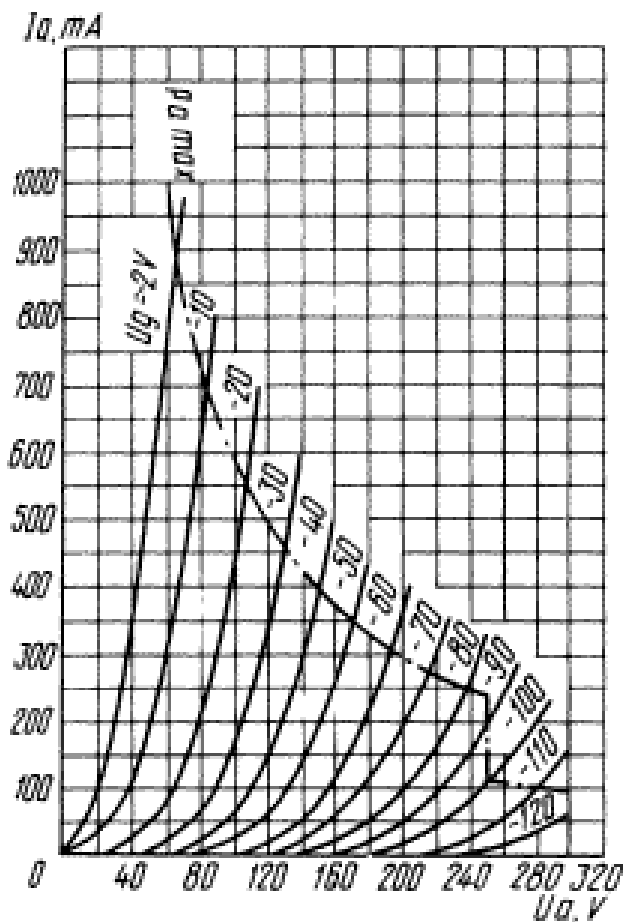
Averaged Anode Characteristic Curves:
 $U_f = 12.6 \text{ V};$
 - - - P_{max}



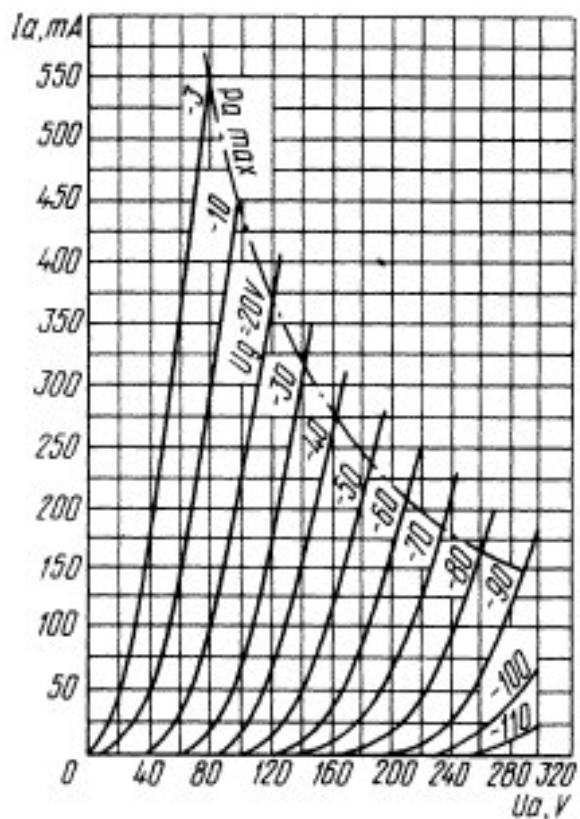
Averaged Anode Characteristic Curves
 (single-cathode operation):
 $U_f = 6.3 \text{ V};$
 - - - P_{max}



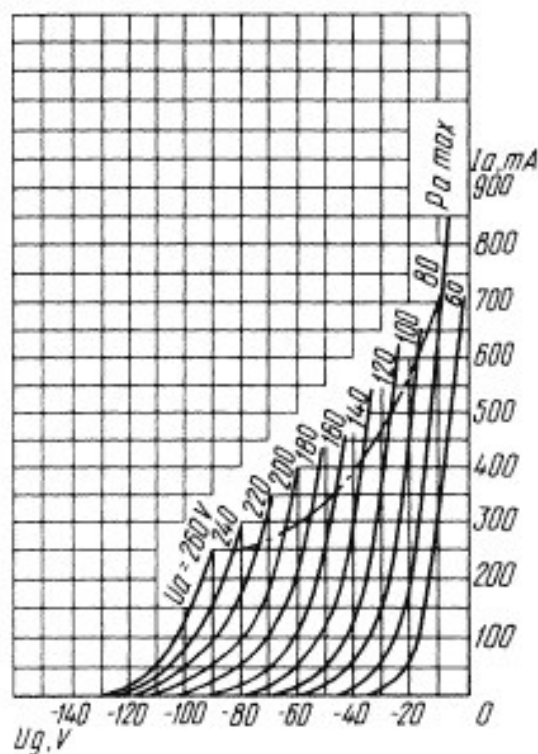
Averaged Anode-Grid Characteristic Curves:
 $U_f = 12.6 \text{ V}$;
 - - - $P_{a \text{ max}}$



Averaged Anode Characteristic Curves: $U_f = 12.6 \text{ V}$;
 - - - $P_{a \text{ max}}$



Averaged Anode Characteristic Curves (single-cathode operation): $U_f = 6.3 \text{ V}$;
 - - - $P_{a \text{ max}}$



Averaged Anode-Grid Characteristic Curves:
 $U_f = 12.6 \text{ V}$;
 - - - $P_{a \text{ max}}$