

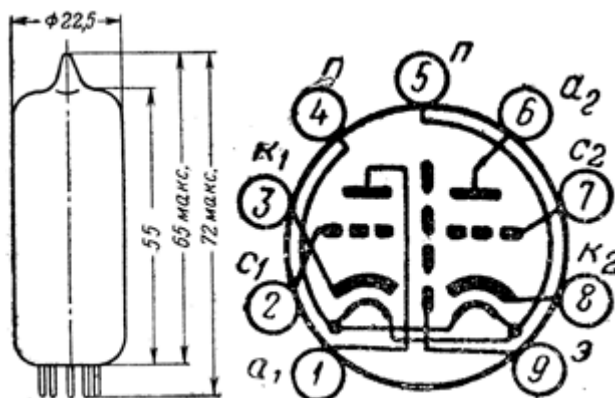
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**6N6P, 6N6PI (6H6n, 6H6nN)****General**

Double triodes, used as an wide band HF power amplifier.

Envelope: glass.

Mass 20 g.

**Lead diagram****General characteristics**

Type	6N6P	6N6PI
Filament voltage, Volt	6.3	6.3
Anode voltage, Volt	120	120
Grid voltage, Volt	-2	--
Resistance in cathode circuit, Ohm	--	68

Type	6N6P	6N6PI
Filament (heater) current, mA	750±60	900±50
Anode current, mA	30±10	30±8
Reverse grid current, mA	£0,5	£1
Dissipate cathode-heater current, mA	£50	--
Mutual conductance, mA/V	11±2.9	11±2.9
Gain coefficient	20±4	20±4
Vibration noise (by $R_A=0.5$ kOhm), mV	£100	£100
Inter electrode capacitance, pF:		
input	4.4	4.4±0,7
output 1 <sup>st</sup> triode	1.7	1.65±0.25
output 2 <sup>nd</sup> triode	1.85	1.8±0.3
transfer	£3.5	£3.5

Operation time, h	<sup>3</sup> 3000	<sup>3</sup> 500
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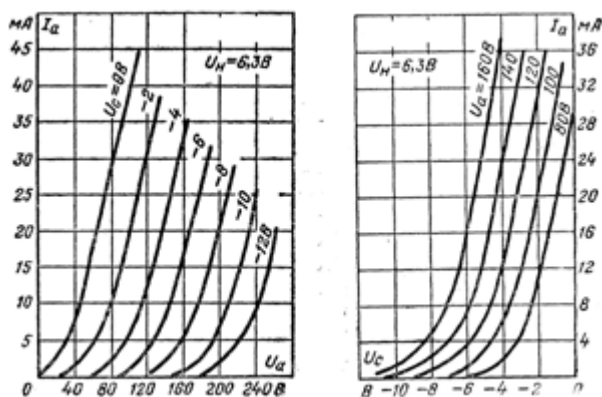
### Limited operating values

Type	6N6P	6N6PI
Filament voltage, V	5,7-7	5,7-7
Anode voltage, V	300	300
Grid voltage, V	--	-100
Cathode - heater voltage, V	100	150
Cathode current, mA	45	--
Anode dissipation (on each triode), W	4	4
Each triode grid dissipation, W	--	0.3
Resistance in grid circuit, MOhm	1	1

### Operating environmental conditions

Type	6N6P	6N6PI
Acceleration of vibration loads, g	2,5	6
by frequencies, Hz	--	10-600
Acceleration of multiple impacts, g	12	120
Acceleration of single impact, g	--	500
Continuos acceleration, g	-	100
Ambient temperature, °C	-60 to +70	-60 to +85
Relative humidity at up to 40°C, %	98	98

### Plate-grid and plate curves



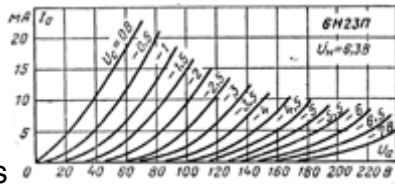


Plate curves

Plate-grid curves