

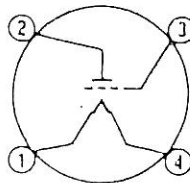
SOVTEK 6A3

6A3, direct heated triode with oxide cathode is used for low frequency power amplification in output stages of amplifiers.

| | | |
|-------------------------------|--------------|---------|
| Standard data | | |
| Heater voltage (AC or DC) | 6.3 v | |
| Plate voltage | 250 v | |
| Grid voltage: | | |
| under DC cathode power supply | - 42 v | |
| under AC cathode power supply | - 45 v | |
| Grid effective voltage | 30 v | |
| Plate load resistance | 2.5 kOhm | |
| General data | | |
| Heater current | 1 a | |
| Plate current | 60 ma | |
| Transconductance | 5.5 ma/v | |
| Amplification factor | 2.2 μ | |
| Output power | ≥ 3.0 w | |
| Limiting values | min | max |
| Heater voltage | 5.7 v | 6.9 v |
| Plate voltage | | 450 v |
| Cathode current | | 100 ma |
| Plate dissipation power | | 15 w |
| Grid negative voltage | | - 120 v |
| Envelope temperature | | 150° C |

The tube can't be exploited at two or more limited conditions.

Max height - 140mm
 Max diameter - 55mm
 Max mass - 75g



Differential resistance - not less than 600 Ohm, not more than 1000 Ohm.
 input capacitance = 7.5 uf max
 output capacitance = 5.5 uf max
 transfer capacitance = 16.5 uf max