



FR-59251 Allennes Les Marais (Lille)
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 Website: <http://www.soudeuse-haute-frequence.com>
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TRIODES G3000

Output power 2700 W
 Anode Voltage 7.0 kV
 Anode dissipation 800 W

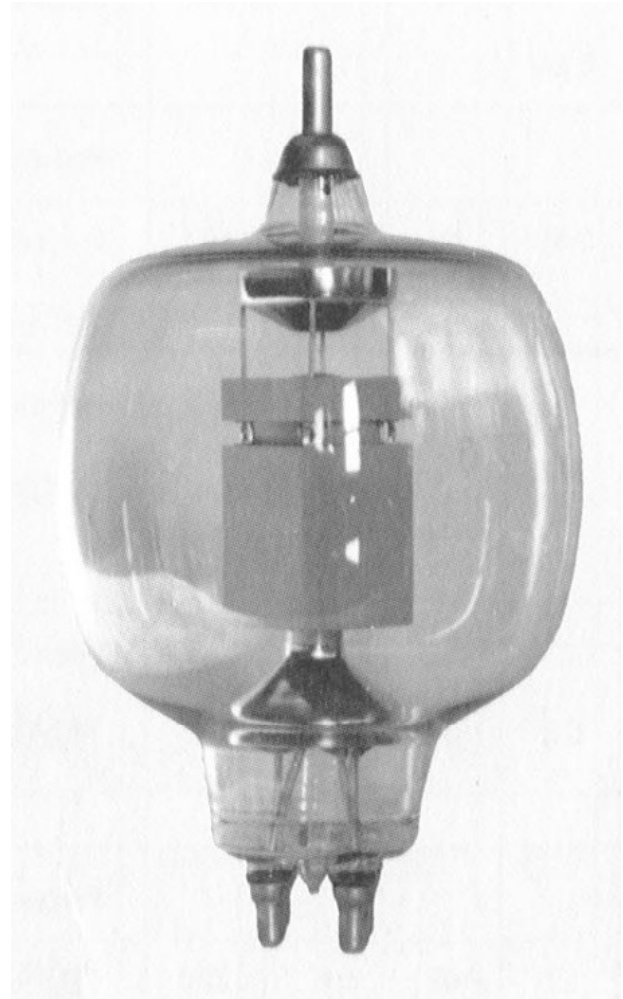
ELECTRON TUBES

ELECTRICAL

Filament directly heated
 Filament Voltage +5% -10% 6.3 V
 Filament Current 32.5 A
 Capacitances:
 grid-anode 6.2 pF
 grid-cathode 10.5 pF
 cathode-anode 0.25 pF
 Amplification factor μ 22
 Transconductance $V_a=4$ kV, $I_a=190$ mA 5.1 mA/V

MAXIMUM RATINGS

Frequency 50 MHz
 Anode voltage 7.0 kV
 Anode current 0.750 A
 Anode input power 4000 W
 Control-grid current 300 mA
 Cathode current 1.20 A
 Peak cathode current 4.3 A
 Anode dissipation 800 W
 Grid dissipation 150 W
 Grid voltage -1250 V
 Grid resistance 10k ohm



OPERATING CONDITIONS

Class C RF oscillator

Frequency 50 MHz
 Anode voltage 6.0 kV
 Anode current 600 mA
 Anode input power 3600 W
 Anode output power 2730 W
 Anode dissipation 760 W
 Anode efficiency 76 %
 Grid resistor 3000 ohm
 Grid current on load 0.150 A
 Grid voltage -450 V
 Grid dissipation 43 W

Equivalent Tubes:

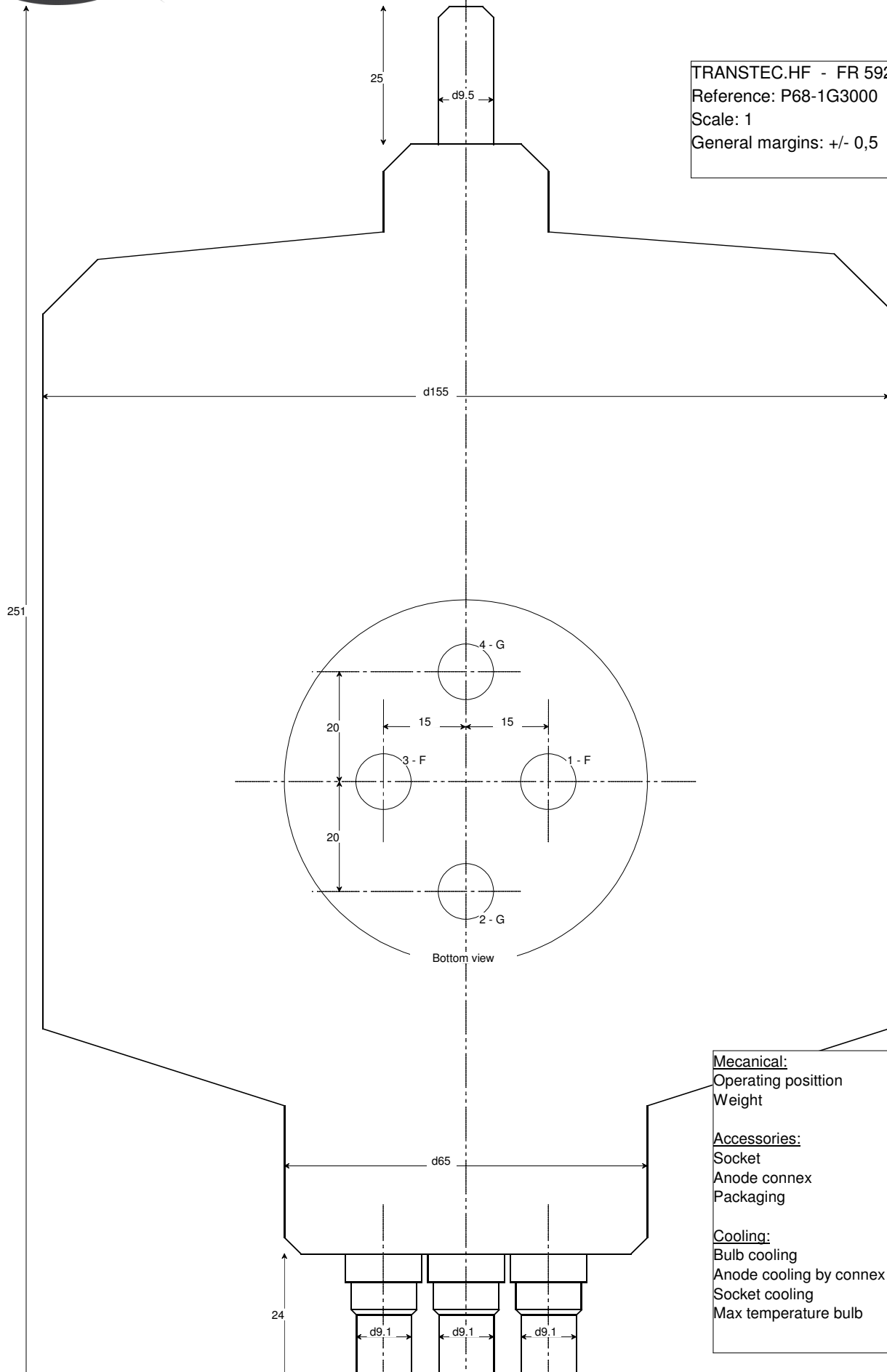
T800
 RS1091
 TB5/2500
 7092



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TRIODE G3000

TRANSTEC.HF - FR 59251 Allennes
 Reference: P68-1G3000
 Scale: 1
 General margins: +/- 0,5



Mecanical:	
Operating position	Vertical
Weight	0.600 kg
Accessories:	
Socket	4 pins
Anode connex	
Packaging	
Cooling:	
Bulb cooling	radiation
Anode cooling by connex	forced air
Socket cooling	forced air
Max temperature bulb	250 °C