

BW25 Water cooled electron tube

Output power 100 KW

RF Metal-ceramic triode
Mainly used for industrial applications.
The anode cooling is water-cooled

Maximum Anode dissipation power 80 kW
Maximum operating frequency 26 MHz



Electrical parameters

Filament voltage	12 V
Filament current	210 A
maximum instantaneous filament current	315 A
Magnification factor	33
Transconductance	51M A/V

Electrode capacitance

Anode - the grid	77 pF
Cathode - the grid	100 pF
Anode - Cathode	2 pF

Maximum rating

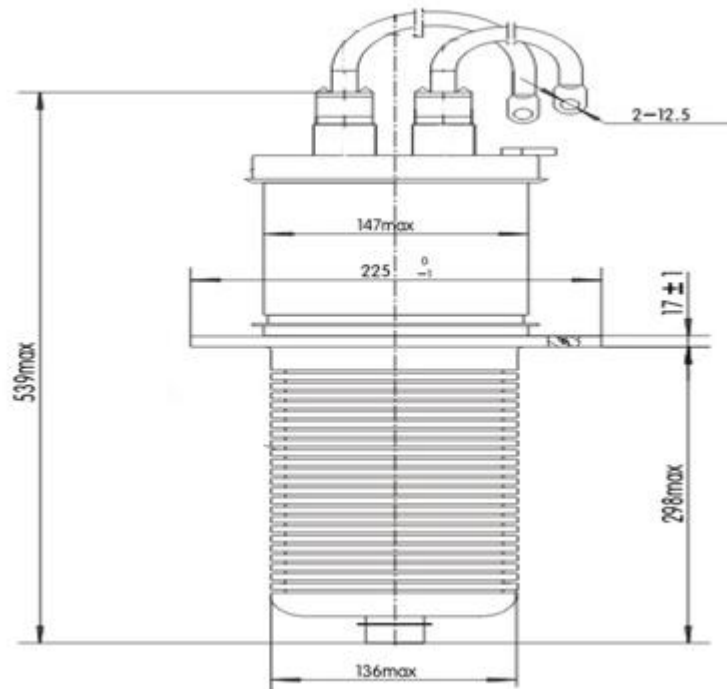
The maximum anode DC voltage	15 kV
Maximum anode DC current	15 A
Maximum grid DC current	2.5 A
Maximum anode dissipation power	80 kW
Maximum grid power dissipation	2.6 W

Mechanical properties

Quality	17.5 Kg
Cooling method	water -cooled
Anode water-cooled flow SA	≥ 120 L/min
Shell and tube maximum temperature	250 °C
Terminal maximum temperature	200 °C
Installation	vertical, anode down

In typical operation class C telegraph

Filament voltage	12 V
Anode DC voltage	12 kV
Grid DC bias	-1000 V
Anode DC Current	10.73 A
Grid DC current	1.55 A
Anode output power	104 kW
Sealing at the highest temperature	250 °C
Terminal maximum temperature	200 °C



Constant current characteristics

