

BW12 Water cooled electron tube

Output power 40 KW

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

Maximum Anode dissipation power 25 KW
Maximum operating frequency 60 MHz



Electrical parameters

Filament voltage	10 V
Filament current	146 A
maximum instantaneous filament current	210 A
Magnification factor	29
Transconductance	75m A/V

Electrode capacitance

Anode - the grid	44.2 pF
Cathode - the grid	82.4 pF
Anode - Cathode	3.1 pF

Maximum rating

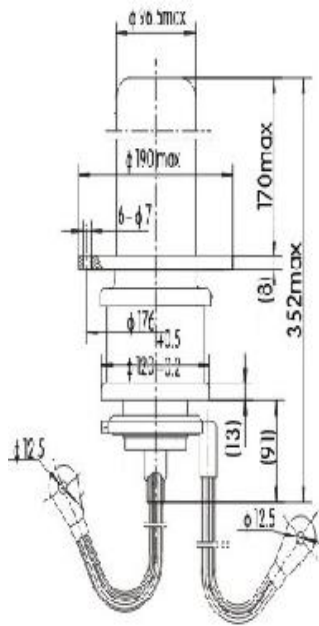
The maximum anode DC voltage	12 kV
Maximum anode DC current	6 A
Maximum grid DC current	1.5 A
Maximum anode dissipation power	25 kW
Maximum grid power dissipation	700 W

Mechanical properties

Quality	15.5kg
Cooling method	water -cooled
Anode water-cooled flow SA	≥ 50L/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	10 V	V
Anode DC voltage	10 kV	KV
Grid DC bias	-1200 V	V
Anode DC Current	5.1 A	A
Grid DC current	0.71 A	A
Anode output power	40 kW	KW



Constant current characteristics

