

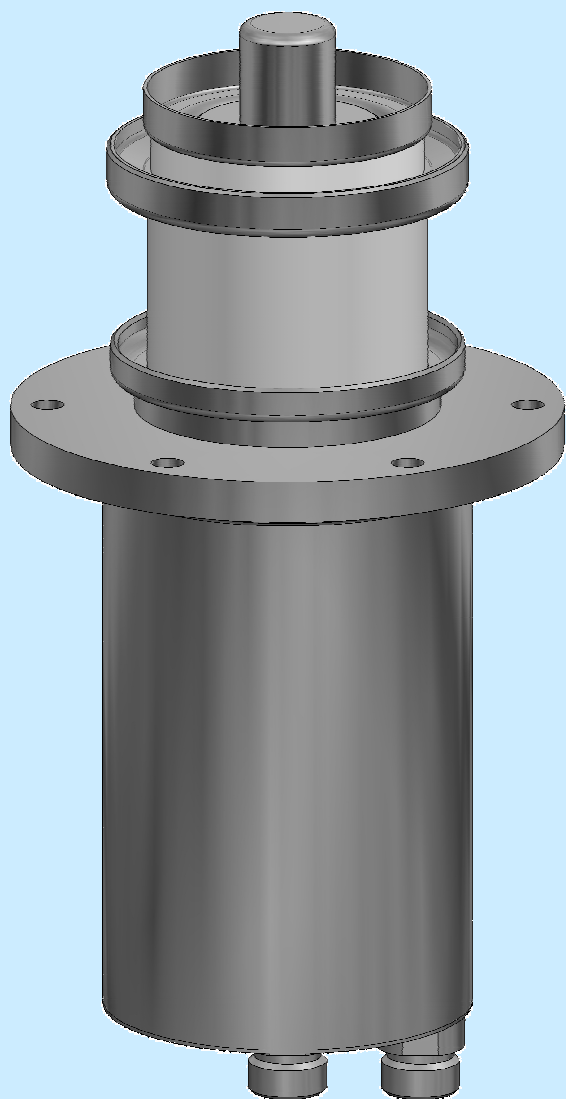
RD24ZM / RS3026CJ

Water-cooled power triode

Output power: 32 kW



TESLA
Electron**Tubes**



RD24ZM is water-cooled triode, made by metal-ceramic technology. This electron tube is intended for industrial generators up to 120 MHz. Application – RF heating, welding or hardening.

Maximum plate dissipation can be 25 kW. Output power is 32 kW in CW mode.

For operation in pulse mode, the parameters depends on equipment characteristics. Contact us for specific information.

RD24ZM / RS3026CJ

Water-cooled power triode

Output power: 32 kW



Technical specifications

Cathode	WTh	
Filament voltage	7	V
Filament current	115	A
Amplification factor	20	
Transconductance	30	mA/V
Capacitance		
• grid-anode	26	pF
• grid-cathode	59	pF
• cathode-anode	1.5	pF

Maximum ratings

Frequency	120	MHz
Anode voltage		
• < 40 MHz	12	kV
• ≥ 30 MHz	11-9	kV
Grid voltage	-1500	V
Grid current	1.4	A
Grid dissipation	550-350	W
Anode dissipation	25	kW
Peak cathode current	30	A

Mechanical characteristics and cooling

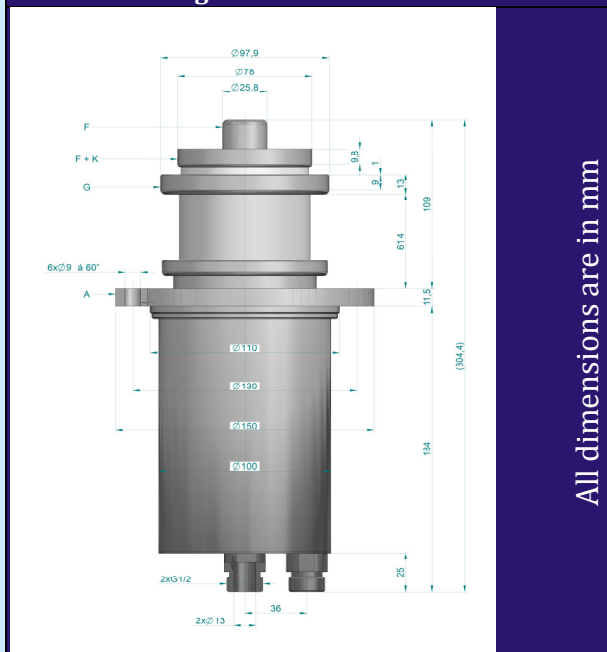
Anode cooling	water	
Water inlet temperature	25	°C
Temperature (any point of envelope)	220	°C
Water outlet temperature	65	°C
Water flow	20	l/min
Mounting position	vertical	
Weight	7	kg

Additional accessories*

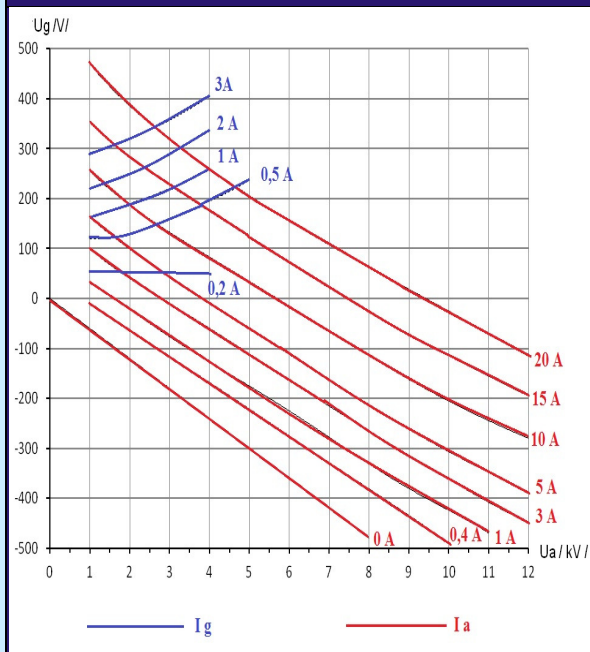
- Grid contact ring
- Filament contact rings

*for detailed information please contact our sales department

Outline drawing



Constant current characteristics



TESLA Electron Tubes s.r.o.

Ricany u Prahy 25101

Kolovratska 1445

Czech Republic

Phone : +420 777 783 461

Fax: +420 323 604 866

E-mail: tesla@electron-tubes.cz

www.electron-tubes.cz