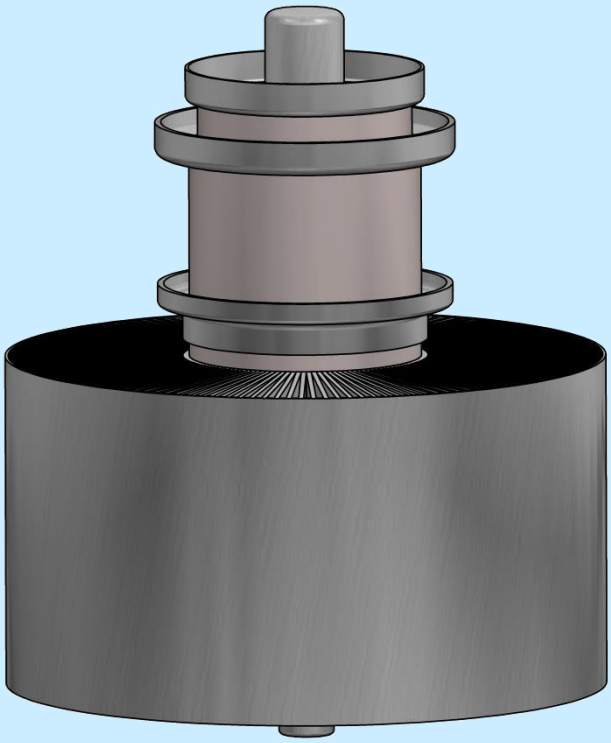
RD24XM / RS3026CL

Air-cooled power triode
Output power: 32 kW



RD24XM is air-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 15 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.

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RD24XM / RS3026CL

Air-cooled power triode
Output power: 32 kW

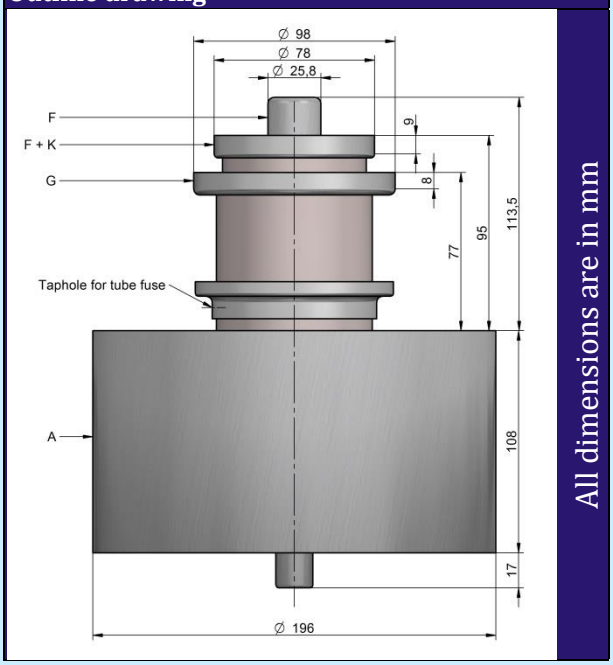
Technical specifications		
Cathode	WTh	
Filament voltage	7	V
Filament current	115	A
Amplification factor	20	
Transconductance	30	mA/V
Capacitance		
• grid-anode	26	pF
• grid-cathode	59	pF
• cathode-anode	1.5	pF

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	15	kW
Peak cathode current	30	A

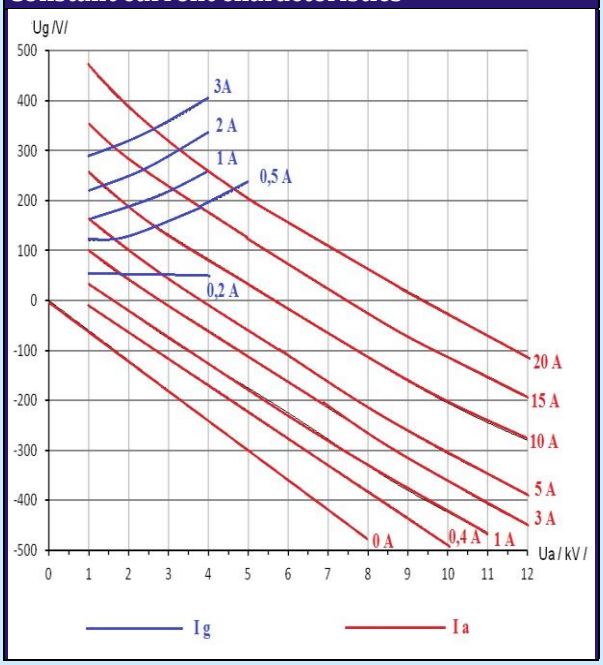
Mechanical characteristics and cooling		
Anode cooling	air	
Air inlet temperature	25	°C
Temperature (any point of envelope)	220	°C
Air outlet temperature	80	°C
Air flow	15	m^3/min
Mounting position	vertical	
Weight	11	kg

Additional accessories*
• Grid contact ring
• Filament contact rings
• Fuse
*for detailed information please contact our sales department

Outline drawing



Constant current characteristics



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