

ELECTRONIC TUBE REFERENCE

VRS303

Power - Triode (over 1000V 100W) electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION
CONSTRUCTION
TRIODE

Radiation-cooled directly heated power triode for low-frequency amplifiers and modulation stages. Approximately 1 kW plate dissipation and multi-kilovolt capability provide substantial audio-frequency and transmitter-modulator power.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	17.5 V / 12 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION1 Triode	
PLATE RESISTANCE	1100 Ω
TRANSCONDUCTANCE	0.008 S
AMPLIFICATION FACTOR	9.09
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	1000 W
MAXIMUM CATHODE CURRENT	600 mA
Radiation-cooled power triode; 6 kV peak-anode-voltage limit retained as parameter.	

A radiation-cooled directly heated power triode for low-frequency amplifiers and modulation stages, rated for 1 kW maximum anode dissipation.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1953 RFT Rundfunk Technik

Published test conditions and operating points. Values on this page are preserved as reported by this source.

1953 RFT RUNDFUNK TECHNIK

Section 1 · Triode

APPLICATION		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Application	RFPower text	—

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