



ELECTRONIC TUBE REFERENCE

TA3200

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

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Air-cooled transmitting triode for RF amplifier service. Approximately 150 W plate dissipation and 3 kV capability provide medium-power professional transmitter operation from a relatively compact construction.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	14 V / 4 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
PLATE RESISTANCE	25000 Ω
TRANSCONDUCTANCE	0.0029 S
AMPLIFICATION FACTOR	72
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	150 W
Air-cooled transmitting triode for RF amplifier service	

TA3200 is a air-cooled transmitting triode for rf amplifier service. The supplied Philips datasheet was read for filament data, limiting ratings, characteristic constants, operating classes, cooling requirements, and interelectrode capacitances where published.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1999 Philips E-Z

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

1999 PHILIPS E-Z

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Tested anode dissipation	200 W	—

CHARACTERISTIC

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament current	4 A	—

TUBE TINKER

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