



ELECTRONIC TUBE REFERENCE

TB3350

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Directly heated Philips transmitting triode for RF and AF power service. Rated for approximately 100 W plate dissipation and 3 kV plate voltage, with manufacturer data covering transmitting operating conditions and interelectrode capacitances.

GENERAL CHARACTERISTICS

BASE DESIGNATION	—	BASE PINS	—
NOMINAL HEATER	5 V / 6.3 A	PARALLEL HEATER	— / —
HEATING	Direct	SERIES OPERATION	Not specified
CATHODE ARRANGEMENT	Separate cathodes	SECTION CONSTRUCTION	Similar

SECTION RATINGS

SECTION 1 Triode	
MAXIMUM PLATE VOLTAGE	3000 V
MAXIMUM PLATE DISSIPATION	100 W
MAXIMUM CATHODE CURRENT	225 mA
<i>Published filament, capacitance, typical characteristics, limiting values and RF/AF operating tables reviewed.</i>	

TB3350 is a Philips RF/AF transmitting triode. The supplied datasheet provides direct-filament data, RF/AF ratings, capacitances and high-power operating conditions.

SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1963 Philips Electron Tubes Handbook V4

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

1963 PHILIPS ELECTRON TUBES HANDBOOK V4

Section 1 · Triode

CHARACTERISTIC		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Filament voltage	5 V	DirectlyHeated
Filament current	6.3 A	DirectlyHeated

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Maximum plate voltage	3000 V	Published limit
Maximum plate dissipation	100 W	Published limit
Maximum cathode/plate current	225 mA	Published limit
Plate voltage	3000 V	ClassB
Grid bias	-200 V	ClassB
Plate current	167 mA	ClassB
Grid current	51 mA	ClassB

CAPACITANCE		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Plate capacitance	0.3 pF	Published
Grid capacitance	2.9 pF	Published
Grid-to-plate capacitance	2 pF	Published

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Capacités Ca	0.3 a	Capacités Ca = 0,3 pF

TUBE TINKER

An independent reference for electronic tubes, vacuum tubes, and their source documents.

[Catalog](#) [Tube types](#) [Full books](#) [Blog](#) [Feedback & corrections](#)

© 2026 Tube Tinker