



ELECTRONIC TUBE REFERENCE

TB160

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Philips transmitting power triode for RF amplification, oscillator, and industrial high-frequency service. Moderate plate dissipation and manufacturer operating data support general-purpose transmitting and industrial RF generation.

GENERAL CHARACTERISTICS

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

SECTION RATINGS

SECTION1 Triode	
MAXIMUM PLATE DISSIPATION	50 W
<i>RF/transmitting triode section; published ratings and operating data retained as parameters.</i>	

High-power transmitting triode intended for RF amplification, oscillator, or industrial high-frequency service. Published filament, anode, grid, power, frequency and operating data from the supplied Philips datasheet are captured.

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

CHARACTERISTICS		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Z ENDBUIS een anodespanning van 1000 V, is in de	1000 S	Z ENDBUIS een anodespanning van 1000 V, is in de
contactpennen boven op den ballon " 5 Anode- Afgegeven	5 a	contactpennen boven op den ballon " 5 Anode- Afgegeven
(anode- 1000 V 114 W1)?%) 629,	629 a	(anode- 1000 V 114 W1)?%) 629,
Anodedissipatie tijdens meting . W, 60 A\	60 A	Anodedissipatie tijdens meting . W, 60 A\
7 ,/ 100 Anode/kathode capaciteit - Gy ca. 0,75 pF	100 A	: 7 ,/ 100 Anode/kathode capaciteit - Gy ca. 0,75 pF
ERRFIR YRy Stuurrooster/kathode capaciteit . Gy ca. 2,2 pF	2.2 S	ERRFIR YRy Stuurrooster/kathode capaciteit . Gy ca. 2,2 pF
LSt S / (1 Anode/stuurrooster capaciteit . Cy ca. 2,8 pF	2.8 S	LSt S / (1 Anode/stuurrooster capaciteit . Cy ca. 2,8 pF
Gepriifter Anodenverlust . . W 60 W	60 A	Gepriifter Anodenverlust W 60 W
Anoden/Kathodenkapazitat . . Cak ca. 0,75 pF	750 mA	Anoden/Kathodenkapazitat Cak ca. 0,75 pF
/ \ Anoden/Gitterkapazitat . Cag ca. 2,8 pF	2.8 A	/ \ Anoden/Gitterkapazitat Cag ca. 2,8 pF

OTHER		
PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anodespanning . . .V,	1250 A	Anodespanning . . .V, = max. 1250 V
Anodedissipatie . W, max. 50 W	50 A	Anodedissipatie . W, max. 50 W

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
AnodenspannungV, max. 1250 V	1250 A	AnodenspannungV, max. 1250 V
Héchstzulissiger Anodenverlust . . . W, max. 50 W	50 s	Héchstzulissiger Anodenverlust . . . W, max. 50 W

TUBE TINKER

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