



ELECTRONIC TUBE REFERENCE

BR1162

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

RF power triode for transmitter and industrial high-frequency applications.

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

SECTION 1 Triode

MAXIMUM PLATE VOLTAGE	12000 V
-----------------------	---------

English Electric Valve BR/BW1162 series: directly heated RF power transmitting triode, BR1162 forced-air-cooled anode. Used for Class B audio modulation, Class C RF transmission and industrial oscillators. The 12 kV published maximum anode voltage and other limits depend on service; interelectrode capacitances are specified. Cooling must be established before applying electrode voltages.

R.f. power triode for transmitter and industrial applications.



SOURCE OPERATING CONDITIONS

[SOURCE PDF](#)

1971 English Electric Valve

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

1971 ENGLISH ELECTRIC VALVE

Section 1 · Triode

OTHER

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Anode voltage	12 kV	—

CAPACITANCE

PARAMETER	PUBLISHED VALUE	CONDITION / NOTE
Grid-to-filament capacitance	16 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