



ELECTRONIC TUBE REFERENCE

BW1162

Power - Triode electronic tube

CONSOLIDATED TECHNICAL DATA

1 SECTION

CONSTRUCTION

TRIODE

Water-cooled 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
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English Electric Valve BR/BW1162 series: directly heated RF power transmitting triode, BW1162 water cooled with separate external water jacket. 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. Water cooling required during operation.

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

SOURCE OPERATING CONDITIONS

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

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