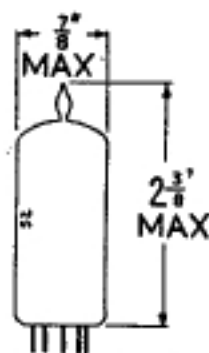


**HABC80  
HY90**



B9A (Noval) Base

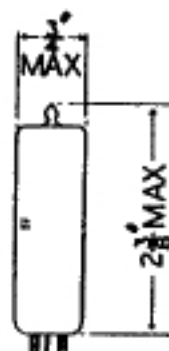
Current Equipment Type  
**TYPE HABC80**  
MINIATURE  
TRIPLE DIODE TRIODE



The type HABC80 is primarily intended for use as the demodulator/1st A.F. amplifier in A.M./F.M. receivers, one diode having a separate cathode. Diodes 2 and 3 should be used for discriminator circuits, Diode 1 for A.M. demodulator and A.G.C. circuits.

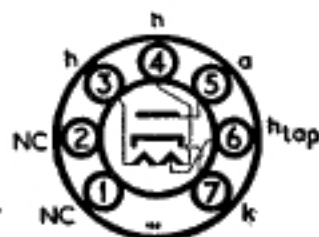
Heater Current	...	...	...	...	...	...	...	0.15 amp.
Heater Voltage	...	...	...	...	...	...	...	19 volts

*For further information and characteristics refer to type EABC80.*



B7G Base

Current Equipment Type  
**TYPE HY90**  
MINIATURE  
HALF WAVE RECTIFIER



Heater Current	...	...	0.15 amp.	Heater Voltage	...	...	35 volts
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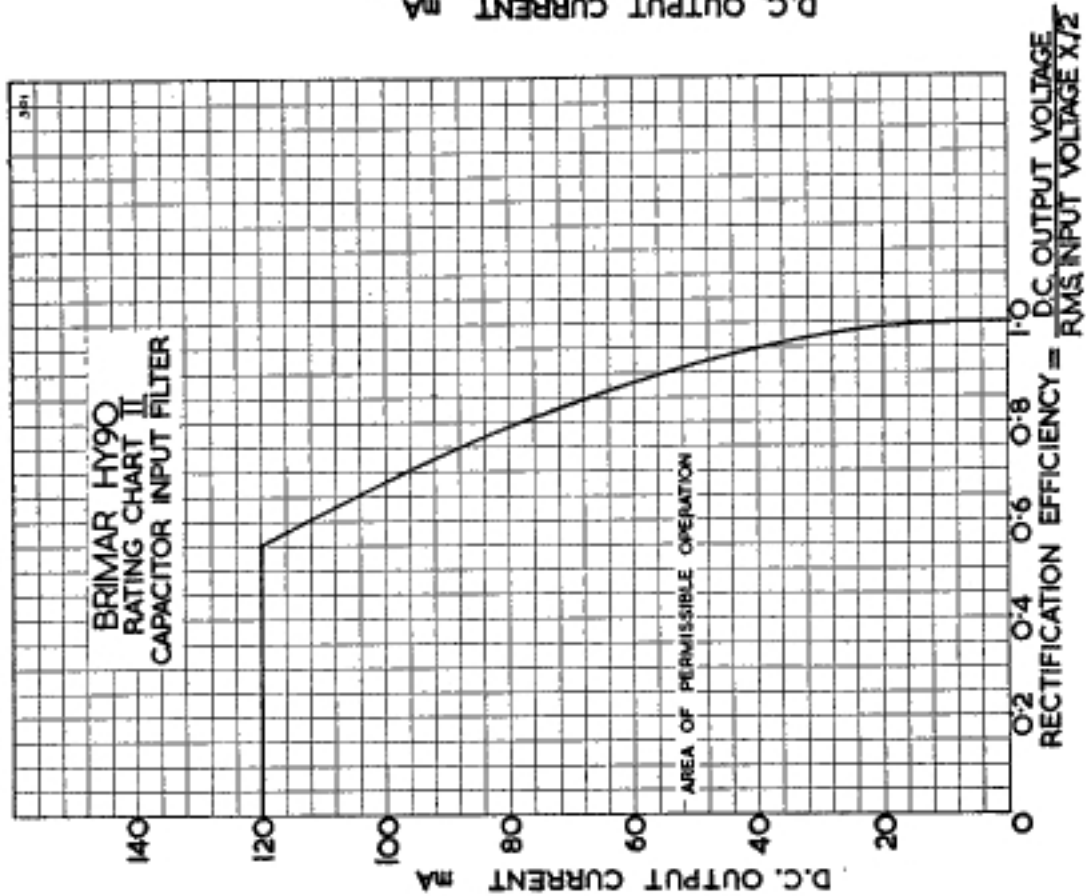
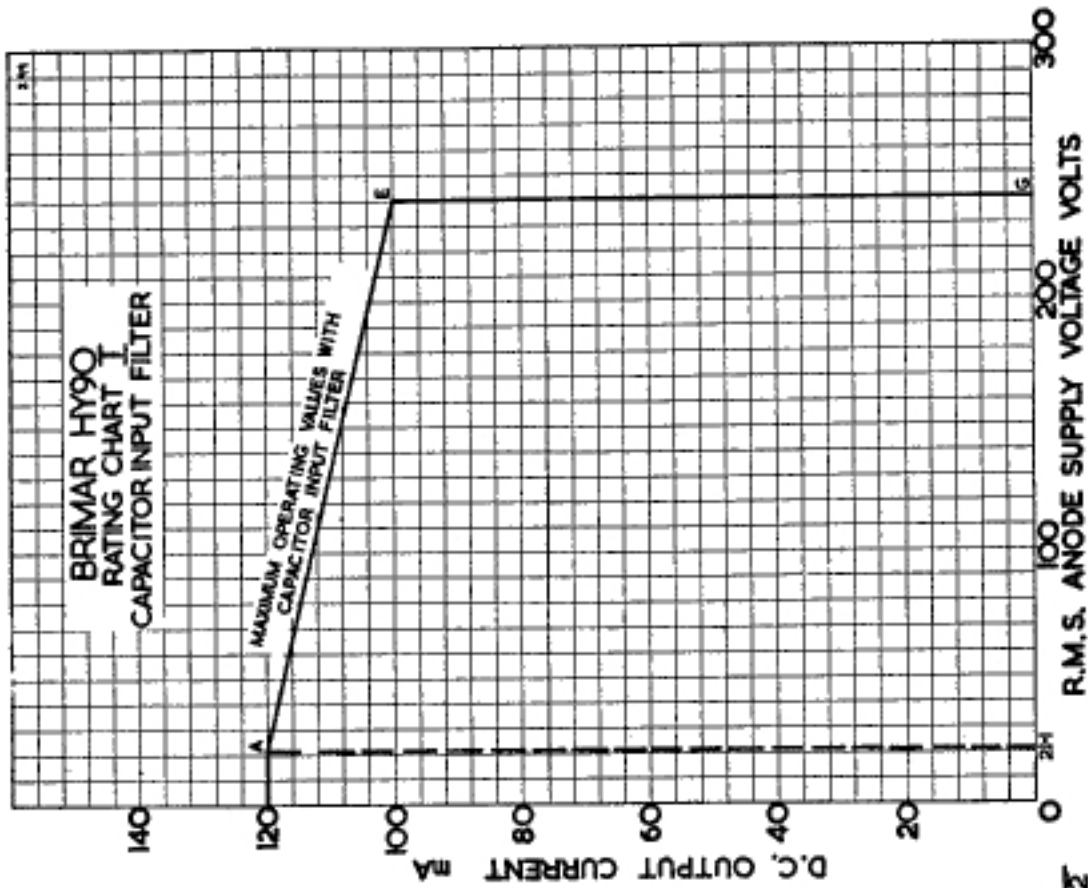
**RATINGS**

Peak Inverse Voltage	...	...	...	...	...	...	700 volts max.
Peak Current	...	...	...	...	...	...	600 mA max.
Peak Surge Current	...	...	...	...	...	...	2 amps. max.
Anode Supply Voltage	...	...	...	...	...	...	—see Rating Chart I
D.C. Output Current	...	...	...	...	...	...	—see Rating Chart I
Peak Heater Cathode Potential (D.C.)	...	...	...	...	...	...	350 volts max.

**CHARACTERISTICS AS A HALF-WAVE RECTIFIER**

<b>CAPACITOR INPUT :</b>							
R.M.S. Input Voltage	...	...	...	...	...	...	240 volts
Rectified Current	...	...	...	...	...	...	100 mA
D.C. Output Voltage	...	...	...	...	...	...	215 volts
Supply Impedance	...	...	...	...	...	...	143 Ω
Reservoir Capacitor	...	...	...	...	...	...	32 μF

*For notes on use of rating charts, refer to " Valve Ratings " section*



**HY90**

