

U18/20

Osram

VALVES

U18/20 RECTIFIER

DESCRIPTION

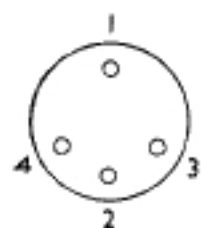
Type U18/20 is a directly heated bi-phase half-wave rectifier. It replaces types U18 and U20.

RATINGS

Filament Voltage	...	...	...	...	...	...	4.0	volts
Filament Current	...	...	...	...	...	...	3.0	amps
Capacitor Input, Bi-phase half-wave circuit								
Input Voltage R.M.S.	...	...	...	500			850	max. volts
Peak Inverse Voltage	...	...	...	1,400			2,400	max. volts
D.C. Output Current	...	...	...	250			125	max. mA
Peak Anode Current (running)	...	...	...	750			400	max. mA
Anode Limiting Resistance	...	...	...	180			180	min. ohms
Reservoir Capacitor	...	...	...	16			8	max. mfd
Inductor Input, Bi-phase half-wave circuit								
Input Voltage R.M.S.	...	...	...	550			850	max. volts
Peak Inverse Voltage	...	...	...	1,400			2,400	max. volts
D.C. Output Current	...	...	...	275			150	max. mA
Peak Anode Current (running)	...	...	...	750			400	max. mA
Anode Limiting Resistance	...	...	...	180			180	min. ohms
Input Inductor	...	...	...	10			10	henries at 150 mA
Type of Switching	...	...	...	...	...	...	...	Direct
Preheating Time	...	...	...	...	...	...	...	Nil

DIMENSIONS

Maximum overall length	...	135 mm.
Maximum seated length	...	120 mm.
Maximum overall diameter	...	56.5 mm.



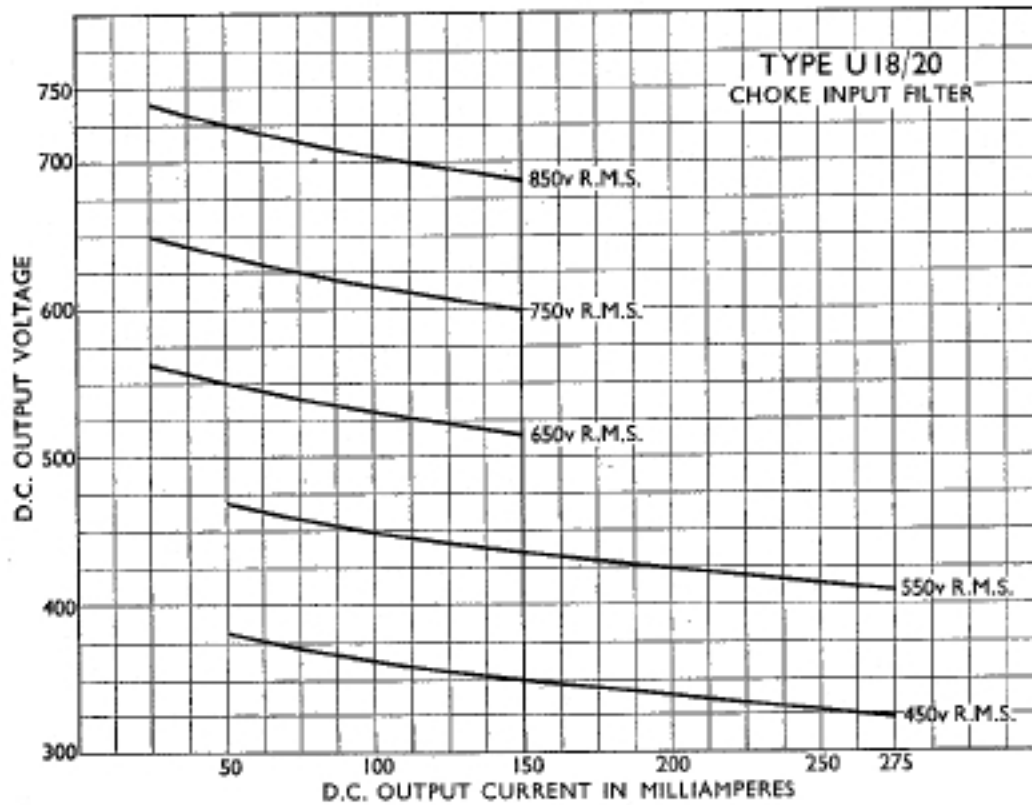
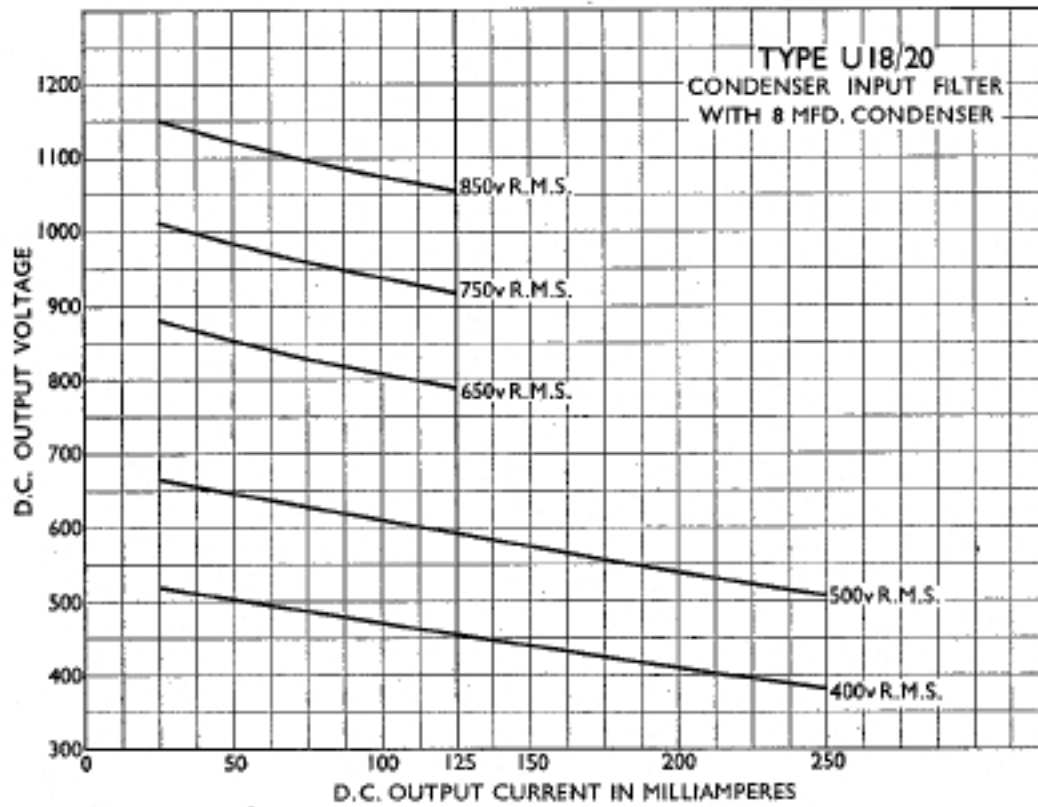
View looking on underside of base.

BASE

4-PIN BRITISH

- Pin 1: Anode
- 2: Anode
- 3: Filament
- 4: Filament

TYPE U18/20



CHARACTERISTIC CURVES OF AVERAGE VALVE.