

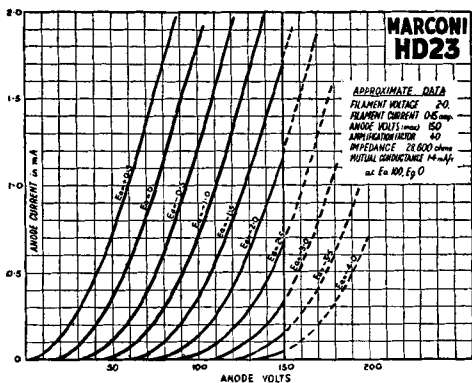
Marconi HD23

2 volt Double Diode Triode

Marconi HD23 embodies a new form of construction giving economy of filament current. It may be used in most cases to replace HD21 or HD22.

Inter-electrode capacities (metallised valve)

G—E	2.75 $\mu\mu\text{F}$
G—A	2.5 $\mu\mu\text{F}$
A—E	10.0 $\mu\mu\text{F}$
Diodes—G	.002 $\mu\mu\text{F}$
Diodes—E	8.4 $\mu\mu\text{F}$



Nominal Rating, see curve.

Dimensions : 120×42 mm. 5 pin base ; for connection see pages 4-5.

Typical Operating Data.

H.T. voltage	... 120	120	150	150
Anode load	... 50,000 ohms	0.25 megohms	50,000 ohms	0.25 megohms
Grid voltage	... zero	zero	zero	zero
Anode current	... 1.0 mA	0.2 mA	1.5 mA	0.3 mA
Gain	... 22	27	22	28

Notes.

Owing to its high magnification factor the HD23 will usually be resistance capacity coupled to the subsequent valve. Its low impedance however makes transformer coupling quite possible, and in this case 1—1.5 volts grid bias is desirable.

The diode connected to pin No. 5 should be used for signal rectification.

Price - - 7/6