

Specification MAP/CV1023/Issue 8 Dated 20.1.49. To be read in conjunction with K1001.		<u>SECURITY</u>	
		<u>Specification</u> RESTRICTED	<u>Valve</u> UNCLASSIFIED

→ Indicates a change

<u>TYPE OF VALVE</u> - Triode			<u>MARKING</u>	
<u>CATHODE</u> - Directly Heated - Thoriated or Coated.			See K1001/4	
<u>ENVELOPE</u> - Glass-Unmetallised.			<u>PACKING</u>	
<u>PROTOTYPE</u> - Cossor 230 XP.			See K1005.	
<u>RATING</u>		Note	<u>BASE</u>	
			B4	
Filament Voltage (V)	2.0	A A A A B	Pin	Electrode
Filament Current (A)	0.3		1	Anode
Max. Anode Voltage (V)	150		2	Grid
Mutual Conductance (mA/V)	3.0		3	Filament negative
Amplification Factor	4.5		4	Filament positive
Anode Impedance (Ω)	1500			
Average Anode Current (mA)	22.0			
Optimum Load (Ω)	3500			
<u>NOTES</u>			<u>DIMENSIONS</u>	
A:- At $V_a = 100$, $V_g = 0$			See K1001/AI/D1	
B:- At $V_a = 150$, $V_g = -18$.			Dimension	Min. Max.
			A (mm)	- 104
			B (mm)	40.5 43.0
			C (mm)	- 36

CV1023

TESTS

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To be performed in addition to those applicable in K1001.

	Test Conditions			Test	Limits		No. Tested
	Vf	Va	Vg		Min.	Max.	
a	2.0	0	0	If (A)	0.27	0.33	100% or S
b	2.0	150	-18	Ia (mA)	16	28	100%
c	2.0	150	-16 to -20	gm (mA/V)	1.8	2.7	100%
d	2.0	150	-18	μ	3.8	5.2	100% or S