

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>CATHODE</u> - Directly Heated - Thoriated or Coated.  <u>ENVELOPE</u> - Glass-Unmetallised.  <u>PROTOTYPE</u> - Cossor 230 XP.			<u>MARKING</u> See K1001/4.			
			<u>PACKING</u> See K1005. ←			
<u>RATING</u>		Note	<u>BASE</u> B4			
Filament Voltage (V)	2.0		Pin	Electrode		
Filament Current (A)	0.3		1	Anode		
Max. Anode Voltage (V)	150		2	Grid		
Mutual Conductance (mA/V)	3.0	A	3	Filament negative		
Amplification Factor	4.5	A	4	Filament positive		
Anode Impedance (Ω)	1500	A				
Average Anode Current (mA)	22.0	B				
Optimum Load (Ω)	3500					
<u>NOTES</u>  A:- At $V_a = 100$ , $V_g = 0$  B:- At $V_a = 150$ , $V_g = -18$ .			<u>DIMENSIONS</u> See K1001/AI/D1			
			Dimension		Min.	Max.
			A	(mm)	-	104
			B	(mm)	40.5	43.0
	(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	I <sub>f</sub> (A)	0.27	0.33	100% or S
b	2.0	150	-18	I <sub>a</sub> (mA)	16	28	100%
c	2.0	150	-16 to -20	g <sub>m</sub> (mA/V)	1.8	2.7	100%
d	2.0	150	-18	μ	3.8	5.2	100% or S

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