MINISTRY OF SUPPLY (D.C.D.)

VALVE ELECTRONIC

CV1065

ARP36, VR65 & PGVT200.

Specification DCD/CV1065/Issue 7 Dated 30.7.46. To be read in conjunction with K1001.	SECURITY Specification: Unclassified Valve: Unclassified

→ Indicates a change

TYPE OF VALVE - H.F. Pentode.
CATHODE - Indirectly Heated.
ENVELOPE - Glass - Metallised.
PROTOTYPE - SP41 (Mod.)

MARKING
See K1001/4

RATING

		Note
Heater Volts (V)	6.3	
Heater Current (A)	0.63	
Max. Anode Volts (V)	250	
Max. Screen Volts (V)	250	
Max. Anode Dissipation (W)	3.0	
Max. Screen Dissipation (W)	1.25	
Mutual Conductance (mA/V)	8.5	A
Max. Operating Frequency (Mc/s)	100	

CAPACITANCES (pF)

Cae	5.5
Cge	11.0
Cag (max.)	0.006

BASE
Mazda Octal

Pin	Electrode
1	Heater
2	Cathode
3	Anode
4	Screen grid
5	Suppressor grid
6	Metallising
7	Pin omitted
8	Heater
TC	Control grid

TOP CAP
See K1001/AI/D5.1

DIMENSIONS
See K1001/AI/D1.

Dimension		Min.	Max.
A	(mm)	-	98
B	(mm)	-	37

NOTE

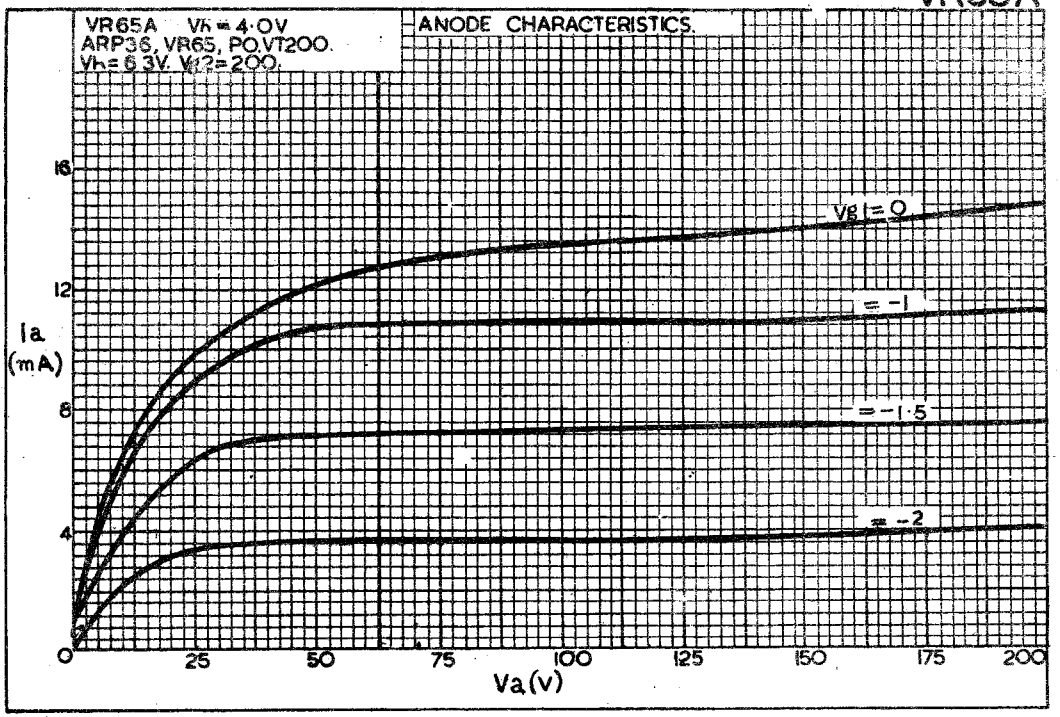
A. Va = Vg2 = 200 V., Vg = -1.85 V., Ia = 8 mA.

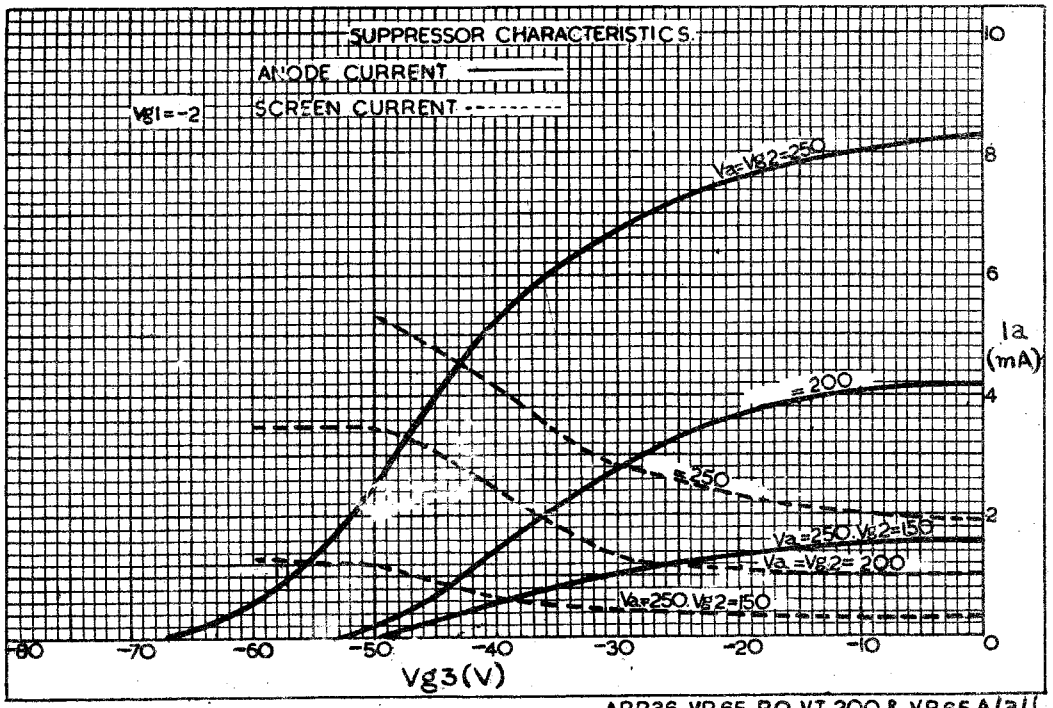
To be performed in addition to those applicable in K1001.

	Test Conditions						Test	Limits Min.	Limits Max.	No. Tested
	See K1001/AIII. Measurements to be made in adapter type 38.									
	Links to H.P.		Links to L.P.			Links to E.	CAPACITANCES (pF)			
a	3		1,2,4,5,6,8.			7,9,10, TC1, TC2.	Cae	4.7	6.2	6 per week
	TC1		1,2,4,5,6,8.			3,7,9,10, TC2.	Cge	10.0	12.0	
	3		TC1			1,2,4,5, 6,7,8,9, 10, TC2.	Cag	-	0.006	Type Approval
	Vh	Va	Vg2	Vg3	Vg1	Ia(mA)				
b	6.3	0	0	0	0	-	Ih (A)	0.57	0.70	100% or S
c	6.3	200	200	0	-	8	Vg1 (V)	-1.38	-2.33	100%
d	6.3	200	200	0	-	8	Ig2 (mA)	1.5	2.5	100% or S
e	6.3	200	200	0	-	8	Reverse Ig1 (µA)	-	0.5	100%
f	6.3	200	200	0	1 V. positive to value found in test 'c'	-	Ia (mA)	14.6	-	100%
g	6.3	200	200	0	-7	-	Ia (mA)	-	0.1	100%

CV 1065

DATA SHEET. ARP36, VR65, P.O. VT200 VR65A





ARP36, VR65, P.O. VT200
VR65A