

# Mullard OSCILLOGRAPH TUBE

# E40-G3

CATHODE RAY TUBE FOR OSCILLOGRAPHIC USE

3 - Inch Screen

Heater	Vf	=	4.0 V
	If	=	1.0 A

Capacities	Cg	=	6.0 uuF
	CD1D1'	=	1.0 uuF
	CD2D2'	=	3.0 uuF

Fluorescent Colour - Green

Deflection - Double electrostatic for symmetrical operation.

Operating Conditions

Va2	500		800	V
Va1 (approx. for focus)	140		220	V
Vg .....(1)	0-	-20	0-	-30
N1	0.35		0.22	mm/V
N2	0.24		0.14	mm/V

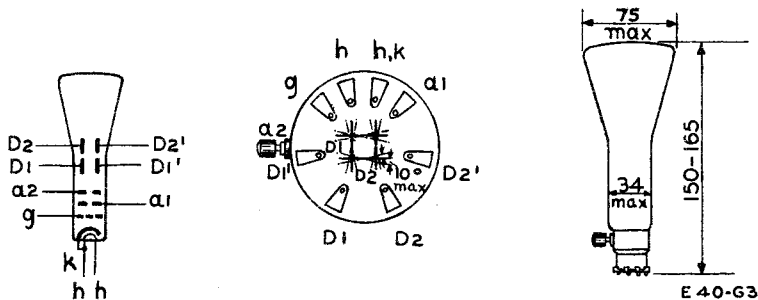
(1) The Grid Voltage should be adjusted to give the required light intensity. The voltage should never become positive or damage to the tube will result.

Max. writing speed ..... 0.3 km/sec

Limiting Values

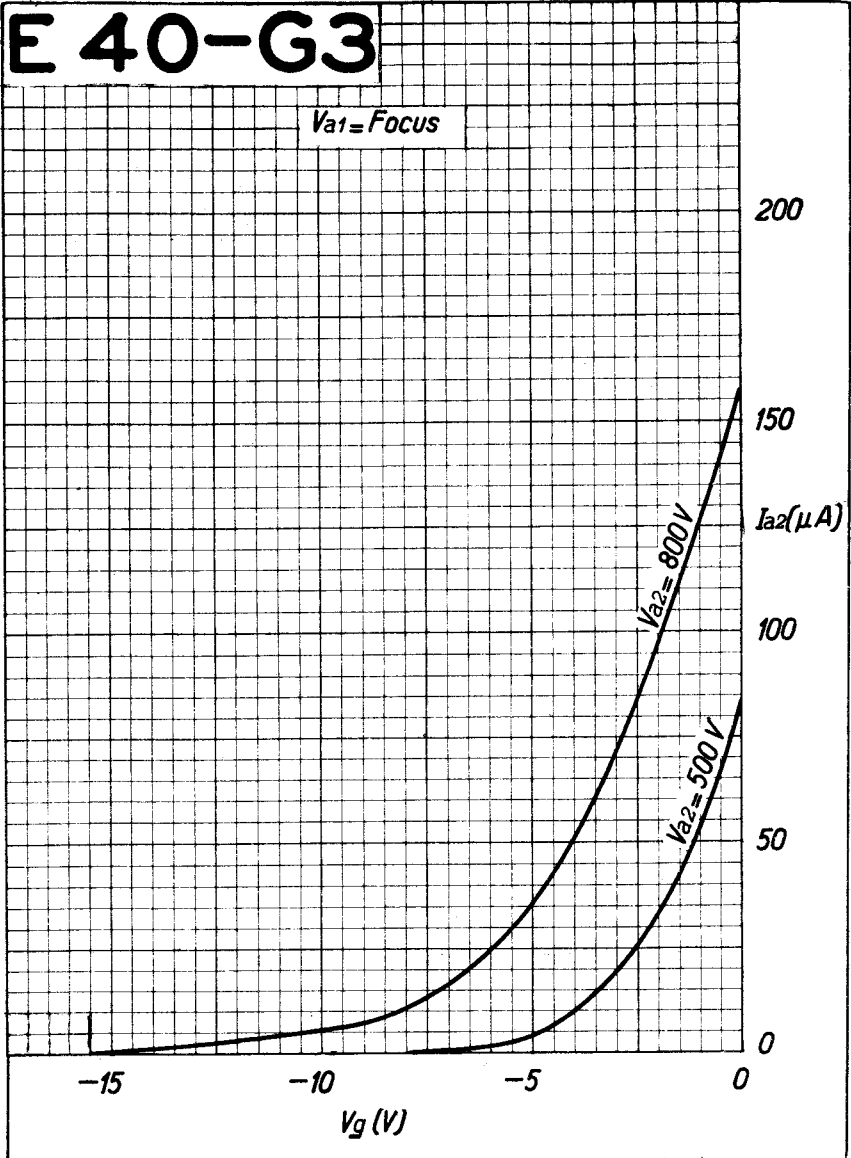
Va2 max	.....	800	V
Va1 max	.....	275	V

Arrangement of electrodes and base connections.



# E40-G3

## Mullard OSCILLOGRAPH TUBE



1839/2