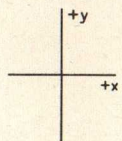


This information is derived from development samples made available for evaluation. It does not necessarily imply that the device will go into regular production.

Geometric distortion measured without centring magnets.



Fy: +1,0 ^{+1,0} _{-1,0}	Fx: +1,0 ^{-1,0} _{+1,0}
Gy: +1,0 ^{+1,0} _{-1,0}	Gx: +1,0 ^{+1,0} _{-1,0}
Jy: +1,0 ^{-1,0} _{+1,0}	Jx: +1,0 ^{+1,0} _{-1,0}
Hy: +1,0 ^{-1,0} _{+1,0}	Hx: +1,0 ^{-1,0} _{+1,0}

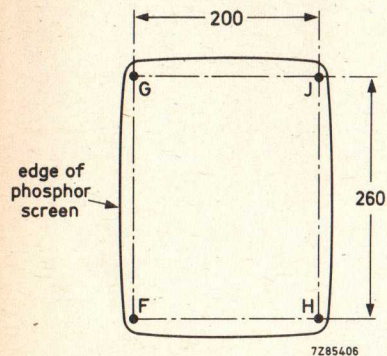


Fig. 3.

CENTRING CORRECTION

The eccentricity of the c.r.t. and the deflection unit can be corrected by two independently movable centring magnets, which are magnetized diametrically. By turning the magnets with respect to each other the resulting field strength is varied. The direction of the resulting magnetic field is adjusted by turning the magnets simultaneously.

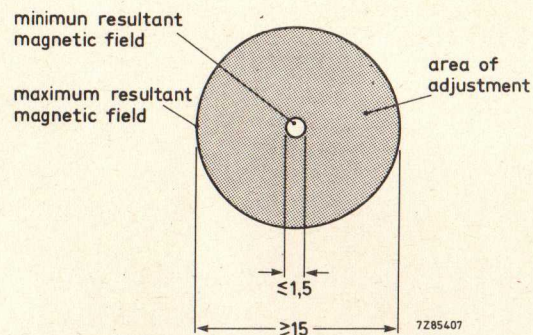


Fig. 4.

DEFLECTION UNIT

- For use with very high resolution c.r.t. M38-200.

QUICK REFERENCE DATA

Associated c.r.t. diagonal	38 cm (15 in)
neck diameter	36,8 mm
Deflection angle	70°
Line deflection current, edge to edge, at 18 kV	5,7 A
Inductance of line coils	135 μH
Field deflection current, edge to edge, at 18 kV	590 mA
Resistance of field coils	23 Ω

APPLICATION

This deflection unit is for use with 38 cm, 70° cathode ray tube M38-200, neck diameter 36,8 mm.

DESCRIPTION

The saddle-shaped line and field deflection coils are surrounded by a Ferroxcube yoke ring in such a way that the line and field deflection centres coincide. Centring magnets are provided for centring correction. The field coils have internal damping resistors. The unit has a non-magnetic metal clamping ring for fixing to the tube neck.

The deflection unit meets the self-extinguishing requirements of UL.

blue binder, tab 3