

Diagram: (Refer Transparent slide/book)

Fig (A) Starting Jet arrangement.

Compensating devices: A mixture of const A:F ratio for wide range of opⁿ. of an engine for economic opⁿ.

The increased richness of the mixture with increasing speed can be reduced by two methods.

- By supplying more quantity of Air (proportionately increased)
 - Reducing the Qy. of fuel supplied (proportionately decreased)
- and A:F ratio of the mixture supplied is maintained fairly constant at all normal running speeds.

- Auxiliary Air valve
- Auxiliary Air port
- Variable orifice meter
or
Tapered metering Pin
- Restricted Air-bleed jet
- Compensating Jet or Double Jet
- Back suction control or
Pr. Reduction in Float chamber
- Emulsion Tube.