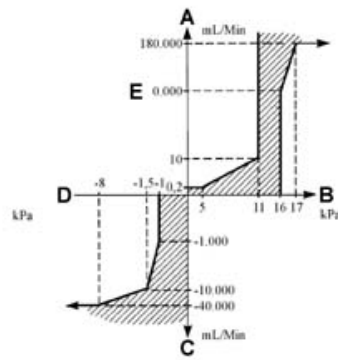


FUEL TANK CAP WITH SAFETY VALVE

The following figure contains a graph showing the operation of the valve inside the fuel tank cap.



- A - Air outlet from tank.
- B - Tank pressure.
- C - Air intake to tank.
- D - Vacuum in tank.
- E - Ventilation not varying from plot.

The valve is located inside the fuel tank cap and carries out the following functions:

- tank pressurisation;
- ventilation;
- seal in the case of roll-over.

Tank pressurisation is maintained by means of a valve in the tank cap. The tank pressure exceeds a specified value, overcomes spring resistance and allows the valve to lift so that vapour can emerge. The valve recloses when the pressure is restored to within limit values. Under specific vehicle operating conditions, a vacuum builds up in the tank. The valve allows air into the tank to restabilise pressure in the tank.

The roll-over function prevents fuel emerging from the tank if the vehicle rolls over or tilts too far to one side.