

# THE CB TYRE DEFLATION VALVE

## Deflating Tyres for Off-Road Use

Vehicles which are used both on and off the road can benefit considerably from reducing the on-road tyre pressures when being used off-road.

Amongst these benefits are:

- Improved traction (reduced wheelspin) due to more tread on the ground.
- Reduced ground pressure (reduced sinkage) due to bigger footprint.
- A reduction in road damage, i.e. washboarding, on tracks.
- A reduction in soil damage on sensitive or cultivated ground.
- Improved ride for driver and cargo.
- Reduction in punctures on hard stony track

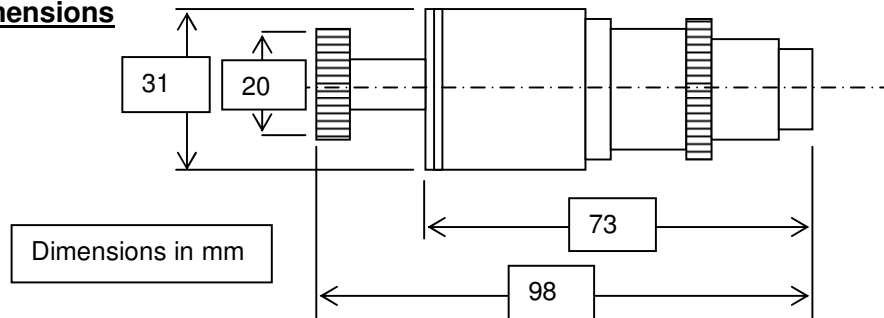


## The CB Tyre Deflation Valve

The Tyre Deflation valve is a multi setting unit allowing the operator to select a suitable pressure for a particular duty (track, sand, emergency etc.). Up to six different settings are possible although 2 or 3 are usual. When the pressure is selected by twisting and pushing the plunger into the marked slot, the valve is screwed onto the tyre valve and the tyre pressure reduces to that required and shuts off. CB Developments can determine the pressures that are required from the vehicle details, however, the three standard 6-setting valves cover most 4x4 applications (2-12 psi, 10-20 psi and 14-24 psi) Tyre Deflation Valves can be supplied in normal car/truck valve size or earthmover valve size. The faster earthmover deflation valve can be used on normal heavy vehicles by use of the CB Lo-Flo adapter (See separate sheet).

Normally one valve per tyre is used and a number of convenient stowage devices are available (See separate sheet showing stowage devices)

## Leading Dimensions



## Typical Deflation Times

Tyre Size	Start Pressure (lbf/sqin.)	Finish Pressure (lbf/sqin.)	Time (min-sec.)
9.00R16	36	21	2-00
13.00R20	50	28	2-20
18R22.5	92	43	4-30
16.00R20	98	45	6-15
24R21	52	32	16-00

The Tyre Deflation Valve 17-novt-11

C B Developments (Tyre Mobility) Ltd. Po Box 423, Stevenage, Herts, SG1 9EZ UK.  
Tel: 01438 723142. Fax: 01438 355088. [enquiries@cbdevelopments.co.uk](mailto:enquiries@cbdevelopments.co.uk)  
[www.cbdevelopments.co.uk](http://www.cbdevelopments.co.uk)