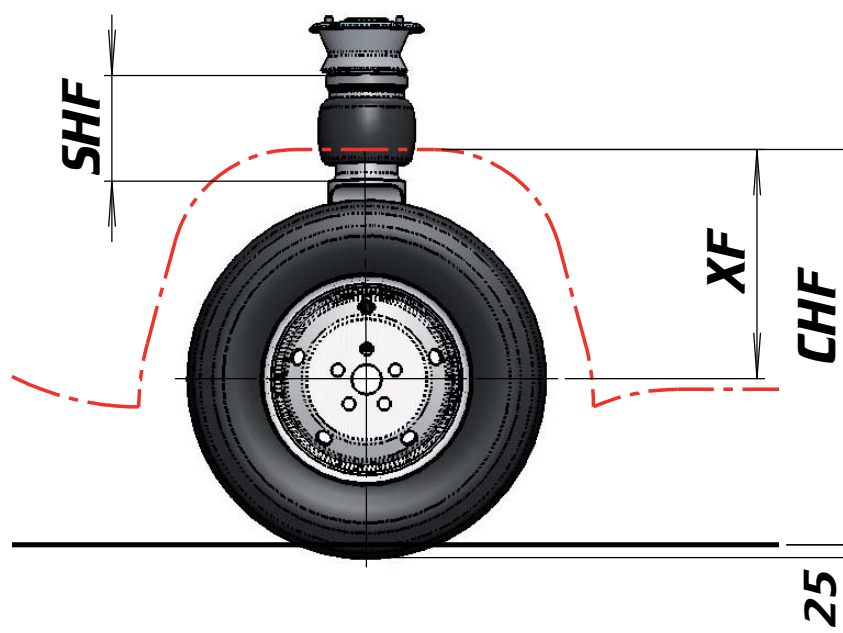


• **VB-FullAir-2C**
Technical specifications



Peugeot Boxer X-250
for the front axle



| Description* | Lowest position | Ride-height | Highest position |
|---------------------------------|------------------------|--------------------|-------------------------|
| X-value front axle (XF) | 370 | 465 | 535 |
| Chassis height front axle (CHF) | 690 | 785 | 855 |
| Air-spring height (SHF) | 125 | 210 | 270 |

* All the measurements are in mm, measured on a standard chassis, with tyre size 225/70R15, a front axle load of 1650kg. Therefore a tyre compression of 25mm is included.

Peugeot Boxer X-250

Technical specifications

Air-suspension system

Suspension system contains McPherson struts with air-springs. The system has a separated-air-circuit with two height sensors.

The electronics of the air suspension is tested according to EMC (European directives for electronics) directive 72/245/EEC last amended, 2006/28/EC.

The air-suspension can be controlled by the supplied remote control: VB-BRC (Basic Remote Control). It's even possible to control the system through the electrical system or CAN-bus system of the body builder. For more information, contact VB-Airsuspension.

Weights

The weight change of the vehicle after switching to air-suspension is: +15kg.

Raise- and lowertimes

The raise and lower times depends on the load of the vehicle. The measured values are measured by a front axle load of 1650kg.

| | |
|--|--------|
| Raise time lowest position > ride height: | 49 sec |
| Raise time ride height > highest position: | 72 sec |
| Lower time highest position > ride height: | 26 sec |
| Lower time ride height > lowest position: | 21 sec |

Compressor

Contains an air dryer, thermal circuit breaker and a pressure protection valve.

| | |
|------------------------|-----------------------|
| Operating voltage: | 12V |
| Nominal current: | 26A |
| Starting current: | ≤ 120A over t ≤ 100ms |
| Degree of protection : | IP68 |
| Maximum pressure: | 10-13 bar |

Air-spring

VB-TS (Tapered Sleeve) with double polyamide cord ply and extra low resistance and hysteresis. This air-spring is specially developed for use with light commercial vehicles.

Shock absorber

Double-acting shock absorber with FSD.

Options

- Emergency valve kit 2C
- Rear-door switch kit
- Extra-time module
- VB-AOWS (Axle Overloading Warning System)

Notes

For the fitting of the air-suspension kit the factory option JI18 is required.

By fitting the air-suspension kit, the maximum GVW or the maximum axle load is not altered.

This air-suspension kit can be combined with a full air-suspension for a standard rear axle or for vehicles with ALKO chassis. For more information, please contact VB-Airsuspension.

The measured weights are approximately determined.