

Trailer Air Brake Kit

General information and details



1. Pricing

- Do you have data of the trailer?
- How many brake cylinders are intended?
- Brake cylinder quantity with corresponding prices you can see on chapter 2.1



2. Brake calculation

- Is the basic requirement for the correct dimension of the trailer air brake kit
- Is done by the company WABCO
- Entire filled brake calculation data sheet (see page 20) has to be send back to us
- Without brake calculation we can not take guarantee that the dimension of the cylinder is correct!



3. Dimenson of brake cylinder

- Can be established by brake calculation
- dimension of brake cylinder and lever lenghts are exactly appropriated by brake calculation
- Can be enquired at vehicle manufacturer



4. Brake cylinder

- Air brake kits for trailer are normally assembled with piston cylinder (If desired, membrane-type cylinder are naturally also available)
- Membrane-type cylinder are recommended if there are already the right brakets on the axle



5. Overrun brake

- Up to 25 km/h air brake systems and overrun brakes can be operated parallel
- During operation with air brake system the overrun brake has to be locked (Therefore you have to order or fabricate by oneself a locking device at drawbar manufacturer)



6. Automatic reversing mechanism

- Not every wheel brake with automatic reversing mechanism is allowed for operation with an air brake system
- A request at wheel brake manufacturer is absolutely necessary
- In most cases a reconstruction of the automatic reversing mechanism is required
- Eventually the axle has to be changed