

Double diaphragm spring brake actuator for trailers with disc brakes

Double diaphragm spring brake actuators have made themselves standard equipment on trailers, as their economical design allows for plenty of space on the axle.

The increasing frequency with which vehicles are fitted with disc brakes is leading to increased interest in an appropriate double diaphragm spring brake actuator. We have responded to this with a newly-developed product.

This new product range was developed using our proven construction methods developed from over 100 years of actuator production. By improving the details, we have managed to create a highly durable product.



- With its IBV (integrated breather valve) system, the spring chamber always ‘breathes’ clean, dry air, with no external connecting rod.
- Weight is saved by using an aluminium housing.
- Coupling the membrane to the actuating piston avoids the need for a return spring, meaning that the actuating force is maximised (patent applied for).
- Improved guiding and sealing for the piston rod increases vibration resistance.
- Sophisticated corrosion protection and a spring with contact-free coils in the spring-type brake actuator improves service life.

The foremost example of this type 16/24 series is available immediately under product number 925 384 001 0. Additional 20/24 and 18/24 types are under preparation. You can obtain a German Technical Inspection Agency (TÜV BC 0084.0) certificate from our Internet product catalogue (INFORM) at www.wabco-auto.com by entering the product number.

In the following table you will find references for products from other manufacturers. Please feel free to contact us about our new product!

WABCO	925 384 001 0
Knorr	BS 7304
Knorr	BS 7305
Knorr	BS 7309
Knorr	BS 7310
Haldex	1351624004
BPW	05.444.40.01.0
BPW	05.444.40.02.0
SAF	4 454 1077 30
SAF	4 454 1076 30
SAF	4 454 1072 30