



Double Diaphragm Spring Brake (DDSB) for Disc Brake Application

WABCO spring brakes are designed to provide years of reliable, safe service. By providing outstanding corrosion resistance and eliminating component failure, they make a significant contribution to cutting maintenance costs.

Our high quality, innovative technology ensures that equipping your fleet with WABCO DDSB is one of the safest, most cost effective decisions you could make.

New WABCO design

- Equipped with Internal Breathing Valve (IBV) as standard
- Coil clash-free power spring
- Well-proven disc brake interface

Our products are tested to SAE J1469 and DIN 74060-10 standards.

WABCO

Double Diaphragm Spring Brake for Disc Brakes

- **Modular design**
- **Enhanced reliability**
- **Extended service life**
- **More installation options**
- **Interchangeable**
- **Reduced device length**

Features as Standard – for every actuator

- 1 Internal Breathing Valve (IBV)
 - Only dry, clean air is used in the spring room of the parking brake
 - No vent holes: water and dirt cannot enter the spring brake section to attack and oxidise the compression spring
- 2 Power Spring
 - Coil clash-free design: prevents premature breakage and extends component life
- 3 Powder Coating
 - Effective corrosion protection
- 4 Bounded Piston Plate (patent pending)
 - No return spring required
 - Maximizes utilization of parking brake force
- 5 Crimped Connection
 - Prevents accidental disassembly of the parking brake
- 6 Push rod
 - Advanced sealing technology and improved vibration resistance prolongs service life
- 7 High Quality Diaphragms
 - Nylon-reinforced fabric
 - Resistant to contamination

