

# BRAKE ACTUATORS

For Commercial Vehicles



**Diaphragm  
Brake  
Chambers**



**Tristop®  
Cylinders**

Global use of WABCO brake actuators on commercial vehicles enables us to offer suitable brake actuators for most applications. As a leading global supplier, WABCO offers an excellent range of brake actuators for most commercial vehicle applications. Our comprehensive offering includes disc, cam and wedge brakes for use in Europe, North America, South America and Asia.

# WABCO

# Diaphragm Brake Chambers

**Diaphragm Brake Chamber for Disc Brakes**



Size 12" to 30"  
with strokes from 57 mm to 75 mm

**Diaphragm Brake Chamber for S-Cam Brakes**



Size 9" to 36"  
with strokes from 45 mm to 75 mm

**Diaphragm Brake Chamber for Wedge Brakes**



Size 7" to 30"  
with strokes from 45 mm to 57 mm

# Tristop® Cylinders

The technically advanced G-Type Tristop® Cylinder range is one of the most successful and reliable piston-type spring brake ranges on the market. It includes functions such as Integrated Breathing Valve (IBV) and the optional half-release bolt or integrated release bolt indicator (IMA).

**Tristop® Cylinder for Disc Brakes**



Size 10/16" to 30/30"  
with strokes from 57 mm to 75 mm

**Tristop® Cylinder for S-Cam Brakes**



Size 12/12" to 36/36"  
with strokes from 45 mm to 75 mm

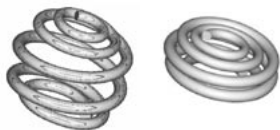
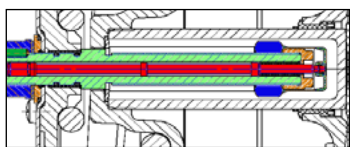
**Tristop® Cylinder for Wedge Brakes**



Size 7/16" to 24/30"  
with strokes from 45 mm to 57 mm

## Features

If short build is necessary you may choose between *HRB* or *IMA*



### Half-release Bolt (HRB) - ON REQUEST

- Applicable for G-Type Tristop® Cylinders
- Short build compared to standard release bolt

### Internal Release Bolt with Indicator (IMA) - ON REQUEST

- Applicable for all G-Type Tristop® Cylinders
- Visual check capability for indicator bolt
- Shortest build available in actuator market

### Special Power Spring Design - STANDARD

- High performing Power Spring (relaxation < 6 % for 5 years)
- Long lifetime due to coil clash free design and epoxy powder coated wire
- Spring conception facilitates extreme short design of cylinder
- Wide range of existing spring forces available

### IBV (Internal Breathing Valve) - STANDARD

- Only dry and clean air is used in the spring room of the parking brake
- No risk of breather pipe being removed on off-road trucks
- Orientation due to breather pipe no longer necessary
- No impact for the truck user / driver
- Fewer logistic efforts due to reduced variants (left / right hand)
- External breather pipe no longer usable as carry handle (reduces risk of accidents / failures)

