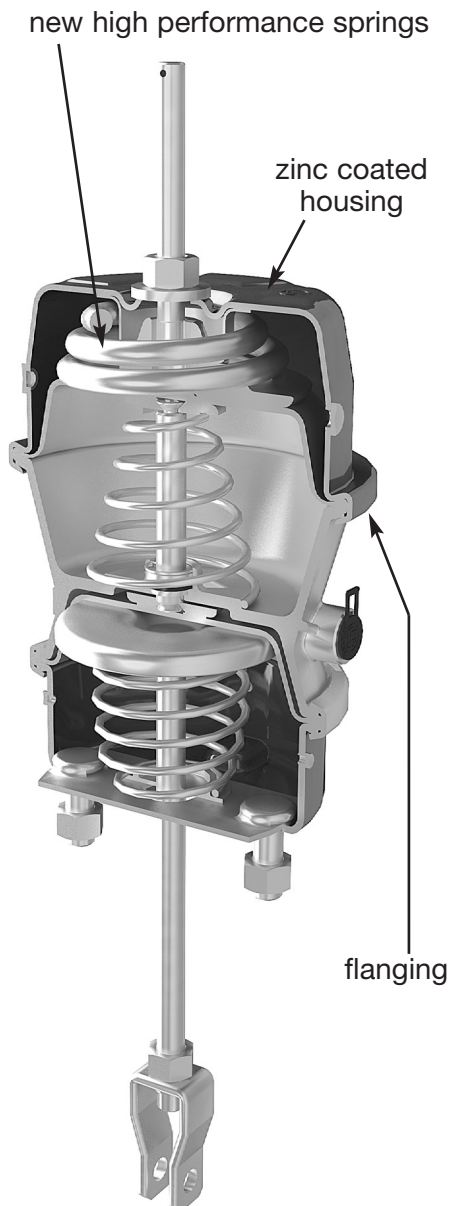


Development: The new BPW brake cylinders.



The optimal interaction of individual components is of great significance in a braking system. The brake cylinders play a decisive role in this, as they have to ensure a perfectly regulated transfer of power to the brake system.

The established versions of the diaphragm cylinder and double diaphragm spring brake cylinder have been revised and significantly improved.

New housing connection

An exterior characteristic of the new generation of cylinders is the continual rolled flange on the spring brake housing for disc and drum brake cylinders, as well as the additional flange on the service brake housing for disc brake cylinders. This mechanical joint in the housing reduces the risk of accidentally dismounting or releasing the spring-loaded brake part. Additionally the risk of leakage in this area is also avoided.

New coating technology

In conjunction with the flanging, the coating of the brake cylinder housing has also been further optimised. The familiar powder and new zinc coating of the housing meet the highest test requirements and guarantee the well-known BPW quality.

Changes have also been made inside the cylinder. The spring geometry has been optimised and corrosion protection on the parking spring has been improved further by a double coating of zinc phosphate and powder.

Existing certificates are not affected by these changes and continue to apply.

The brake cylinders will be gradually introduced from January 2010.