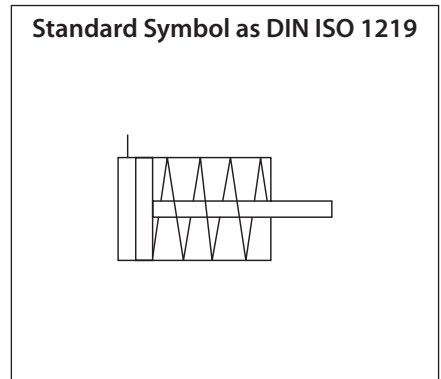
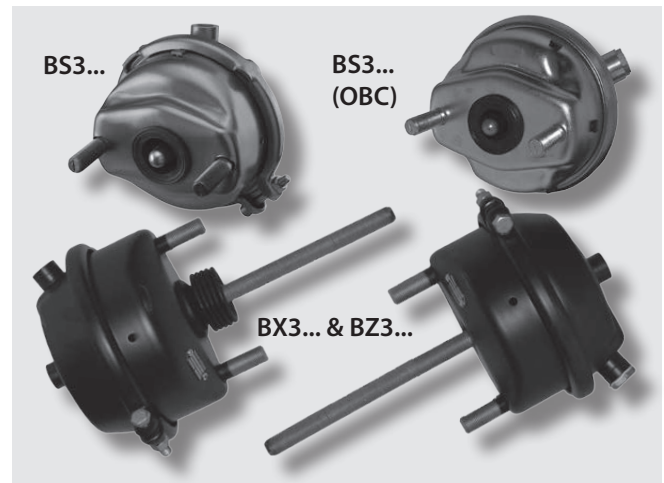


Function

Diaphragm Brake Chambers are used to provide the input force to actuate the vehicle's foundation brake and provide the service brake force.

The input force for the service brake is achieved by air pressure acting on an internal synthetic rubber diaphragm which generates a force transmitted through a push plate and push rod. Diaphragm Brake Chambers are available to suit all types of foundation brake:

- Brake chambers of the BX3... and BZ3... series are designed for S-Cam drum brakes, which have been used traditionally on trucks and trailers.
- Brake chambers of the BS3... series are designed for disc brakes, which are generally standard fitment on modern trucks and trailers. The new generation of OBC (optimized brake chamber) BS3... brake chambers are identified by the rolled joint between the two halves of the unit.



Further Documentation

Further information can be found on documents:

PD-403-200	Brake Chambers (S-cam), long stroke (for trailers)	Document No. Y011367
PD-405-000	Brake Chambers (Disc) - with Clamp Ring (for trailers)	Document No. Y011368
PD-405-100	Brake Chambers (Disc) - OBC generation (for trailers)	Document No. Y103245

Revision Details

Rev. 001	April 2019	New Layout



Knorr-Bremse Group

Knorr-Bremse Systems for Commercial Vehicles

Moosacher Strasse 80 | 80809 Munich | Germany
Tel: +49 89 3547-0 | Fax: +49 89 3547-2767
WWW.KNORR-BREMSECVS.COM

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