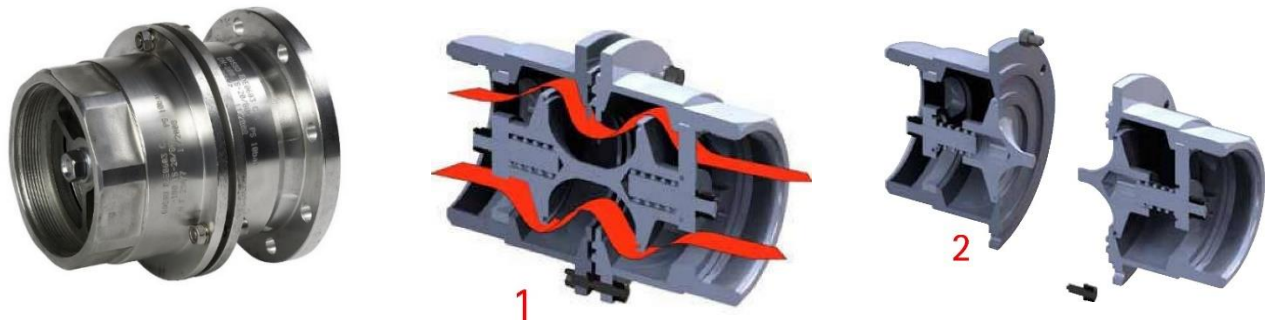


VR BREAKAWAY



Main features

The coupling disconnects if the forces exceed the specified level. After the disconnection the valves close. This prevents the spillage of product on both hose and tank sides.

Technical details

- Measures: 2", 3", 4", 6", 8"
- Std. materials: AISI 316
- On request: aluminium, bronze
- Gaskets: EPDM, FFKM, NBR, PTFE
- Connection: female threaded BSP, NPT, Flanges TTMA, ASA, DIN, etc.
- Working pressure: 16 bar
- Other configurations on request

Applications

Paint, lacquers, inks, adhesives, fatty acids, pharmaceuticals, liquid soaps, petroleum products, solvents, ag-chemicals, vegetable oils, detergents, many acids and caustics.

Certifications

Standards: PED/97/23/EC

What is a BreakAway?

BreakAway is a safety coupling designed to be installed between the hose or loading arm and a mobile loading point (tanker, vessel, train, etc). It is made up of two symmetric parts connected by three screws which, when intact, allow the circulation of fluids. However, when the parts separate, the flow is automatically stopped by inner flaps.

How does it work?

In the event of an accidental pull or an excess of pressure, the screws break in such a way that each part of the BreakAway remains connected at each end preventing any leakage of the product. This is made possible by closing both entrances: that of the tank and that of the hose or loading arm; with this unique system the screws break before the hose or loading arm.

Applications

BreakAway is recommended in a large number of sectors, from chemical to food industry, as well as pharmacy, petrol, etc. In short, it is recommended for highly flammable, corrosive, toxic or high risk products.

Example

A tanker is filling a deposit in a chemical plant by way of a hose. The driver forgets to disconnect the hose and pulls away. In these conditions, without the ERRE.DI BreakAway system, due to the traction force, the hose and the fixed installation would break, spilling the product. With BreakAway this can't happen: in fact, the two parts separate from one another with one remaining attached to the truck and the other at the end point of the installation, with neither spillage nor breakage. After the incident, with ERRE.DI BreakAway you just have to replace the broken screws with new ones and the system is ready to be used again.