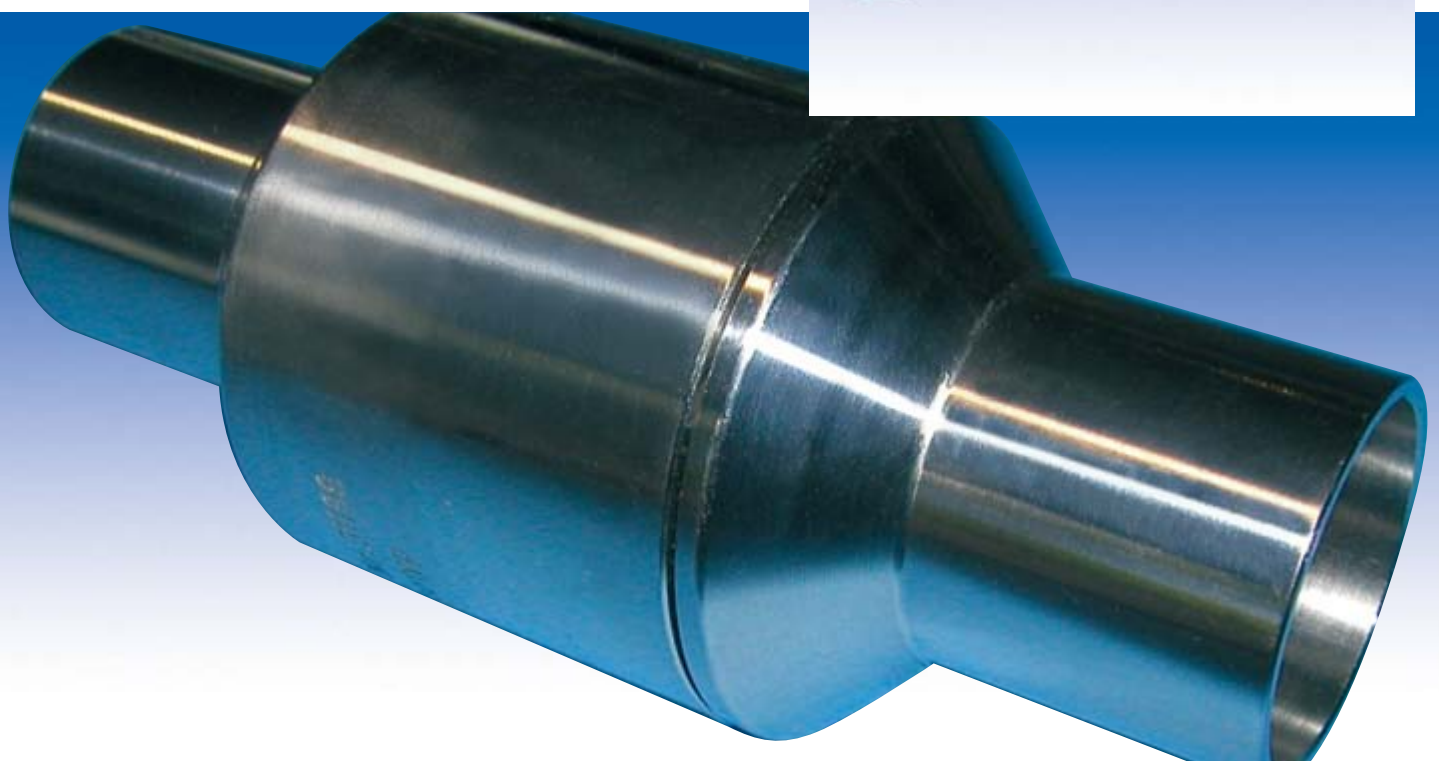


Swivel Joints and Bearings



A good turn



Hoses are designed to transfer many different kinds of material from A to B, where A and B may be in a fixed or variable position. Many different hose types are available depending on the pressure, consistency, temperature and chemical properties of the product being transferred.

Hoses are not generally designed to withstand excessive strain, wear, bending or twisting, and although the hose can be protected from these damaging forces to some extent by proper handling, specialized equipment and fittings are needed to completely eliminate the risks.

RS fittings are designed to protect hoses, and the RS swivel joints transfer any torque on the hose to a fitting which safely accommodates and neutralizes it.

An initial investment in this type of fitting pays off many times in extended hose lifetime and reduced maintenance costs.

Advantages

- Variable
- Easy to clean
- Reliable even at low pressures
- Compact
- Easy to maintain
- Modular design
- Long life
- Eliminate hose torsion

Easy maintenance

Ball swivel joints

By allowing an angle of up to 50° between the two sides, the joint permits hoses to go around a corner without excessive bending which can cause permanent damage. The internal flow characteristics are optimised to avoid any narrowing or protruding parts which could interrupt the free flow of product.



RS Swivel bearings

A swivel joint with an integrated hose support eliminates the need for a separate fitting and so reduces the number of interfaces. Especially useful for steam hoses.



RS Sterile Swivel Joints

The Sterile fittings are a high-performance range of fittings for clean applications. Easy to clean, they are ideal for the food and pharmaceutical industry.



Advantages at a glance

- Protect hoses and fittings
- Extend hose life
- Extend maintenance intervals

Put an end to torsion damage

Hoses are fixed assets, but careless handling can cause premature failure and unplanned replacement. Taking a professional approach to hose protection increases the hose life and reduces costs. RS hose fittings are used in all branches of industry.

Applications

- Chemicals
- Power generation
- Stationary and mobile tankers
- Food
- and many more



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Facts and figures

Material, metal parts:	Stainless steel 1.4571, brass, Hastelloy 2.4610
Material, O-rings:	FPM, FKM, EPDM
Material, seals.:	PUR, PTFE
Sizes:	1/2 to 4"
Outer thread:	G 1/2A to G 4A
Inner thread:	G 1/2 to G 4
Working pressure:	to 40 bar (PN 40)
Temperature:	-25° C to 180° C

Subject to change without notice