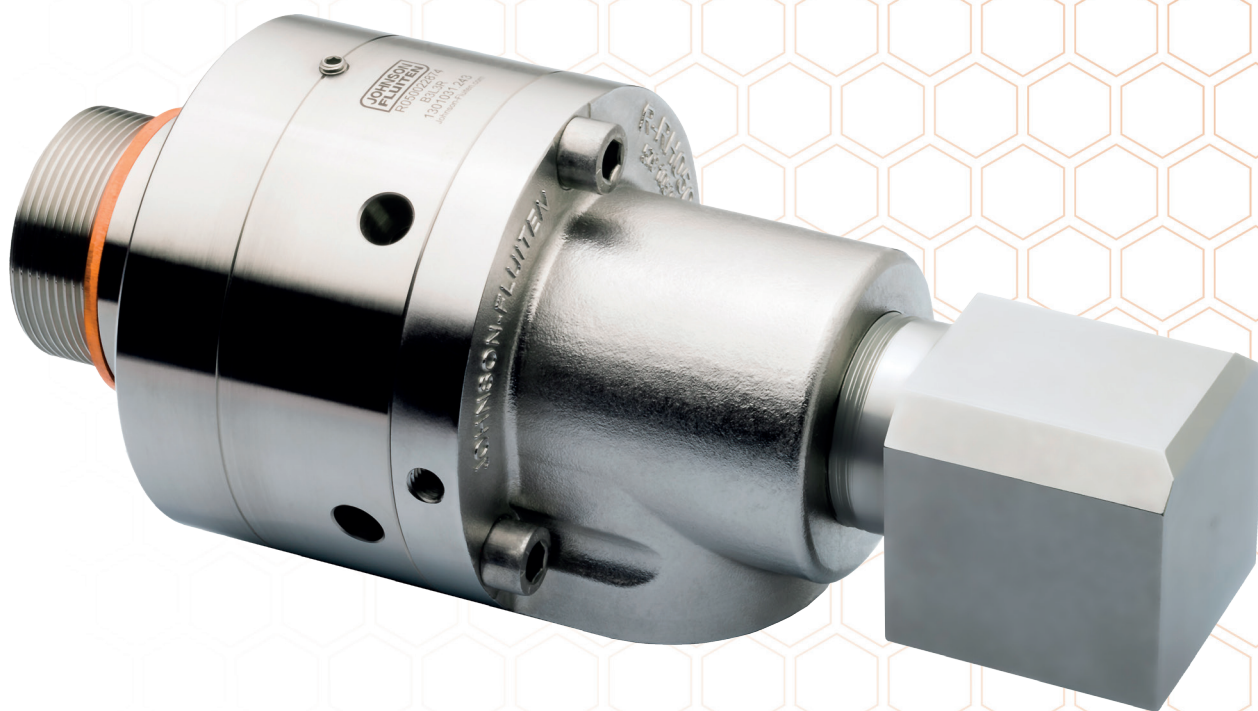




JOHNSON-FLUITEN

FLUID HANDLING

Type R[®] Stainless Steel Joint



*Advanced rotary unions for
fluid and air service*

Designed for:

CHEMICAL INDUSTRIES
PHARMACEUTICAL INDUSTRIES
FOOD & BEVERAGES



Engineered for performance

EASY
MAINTENANCE



Our rotary joints are featured with a Quick Replacement Design (**QRD**) which allows you to repair the union while it is **STILL INSTALLED** on the machine.

It is enough to remove the blocking screws and separate the body to **replace SEAL** rings and **O-rings**.

WITHOUT HAVING TO REMOVE THE ROTARY UNION FROM THE MACHINE

This solution allows as well to **quickly** adapt the rotary joint to fluids requiring **DIFFERENT** sealing materials

QUICK
REPLACEMENT
DESIGN



Customized Unions

Johnson-Fluiten rotary joints are used in mixing, blending, heating, and cooling applications in the chemical processing industry.

New technologies in rotary unions and sealing devices, steam distribution and handling systems, process heating/cooling with thermal oil or water and glycol, and roll cleaning systems increase process efficiency, reduce energy costs, and help companies to be more sustainable in their operations.

A rotary union is a rotary sealing device that connects rotating equipment to fixed piping for the transfer of steam, water thermal oil, coolant, glycol, air and other media.

The heart of the joint is the sealing made by Fluiten. Temperature range is from -29°C up to 340°C.

Rotary unions can be designed with multiple passages and manage multiple media types simultaneously.

Using latest technologies and continuous innovation and research, Johnson-Fluiten is able to provide specialized solutions either for chemical and pharmaceutical industry with the production of rotary joints for high speed centrifuge and separators.



JOHNSON-FLUITEN

Johnson-Fluiten is a global supplier of high value, critical components and engineered systems used in process industries worldwide.

www.johnson-fluiten.com

Overview



Features

- **ATEX**

The ATEX directive consists of two EU directives describing what equipment and work environment is allowed in an environment with an explosive atmosphere. Johnson Fluiten supplies most of its products with ATEX approval according to Art.g, Per.1&3 of 94/9/CE European Directive: II 2 GD c X.

- **AISI 316**

Johnson Fluiten R-series in stainless steel are made of stainless steel 316.



Benefits

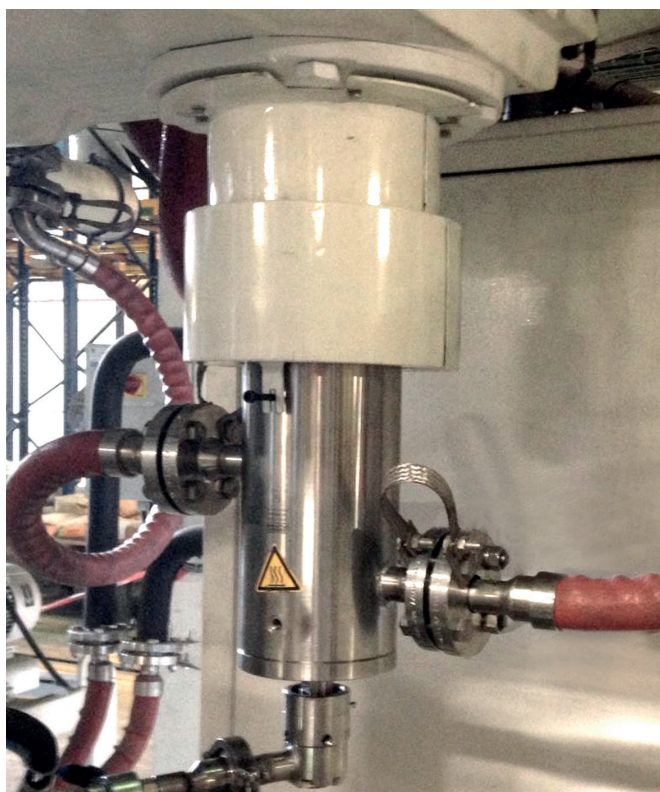
- **SEAL MATERIALS**

Johnson Fluiten can offer many different seal materials to seal fluids with abrasive materials, Glycole, Fluids with crystallizing sugars or materials that require FDA or ATEX approved designs

- **CUSTOM MATERIALS**

SURFACE FINISHES

The stainless steel unions are supplied in a AISI 316 made of casting or when required, in machined surfaces for special cleaning requirements



De Dietrich Process Systems



Delta Costruzioni Meccaniche S.r.l.

Local Assistance on a Worldwide Basis



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Many suppliers have committed to the international marketplace. But few have taken that commitment as far as **Johnson-Fluiten**.

To assure **product availability** wherever it's needed, R/RH Rotary Unions are sold and serviced in Asia, Europa, North America and South America.

Because knowledgeable advice and prompt service are as important as the products, Johnson-Fluiten has factory-authorized representatives in nearly **one hundred and fifty countries**.

So **no matter where you are**, Johnson-Fluiten **products, services** and **assistance** are nearby.



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