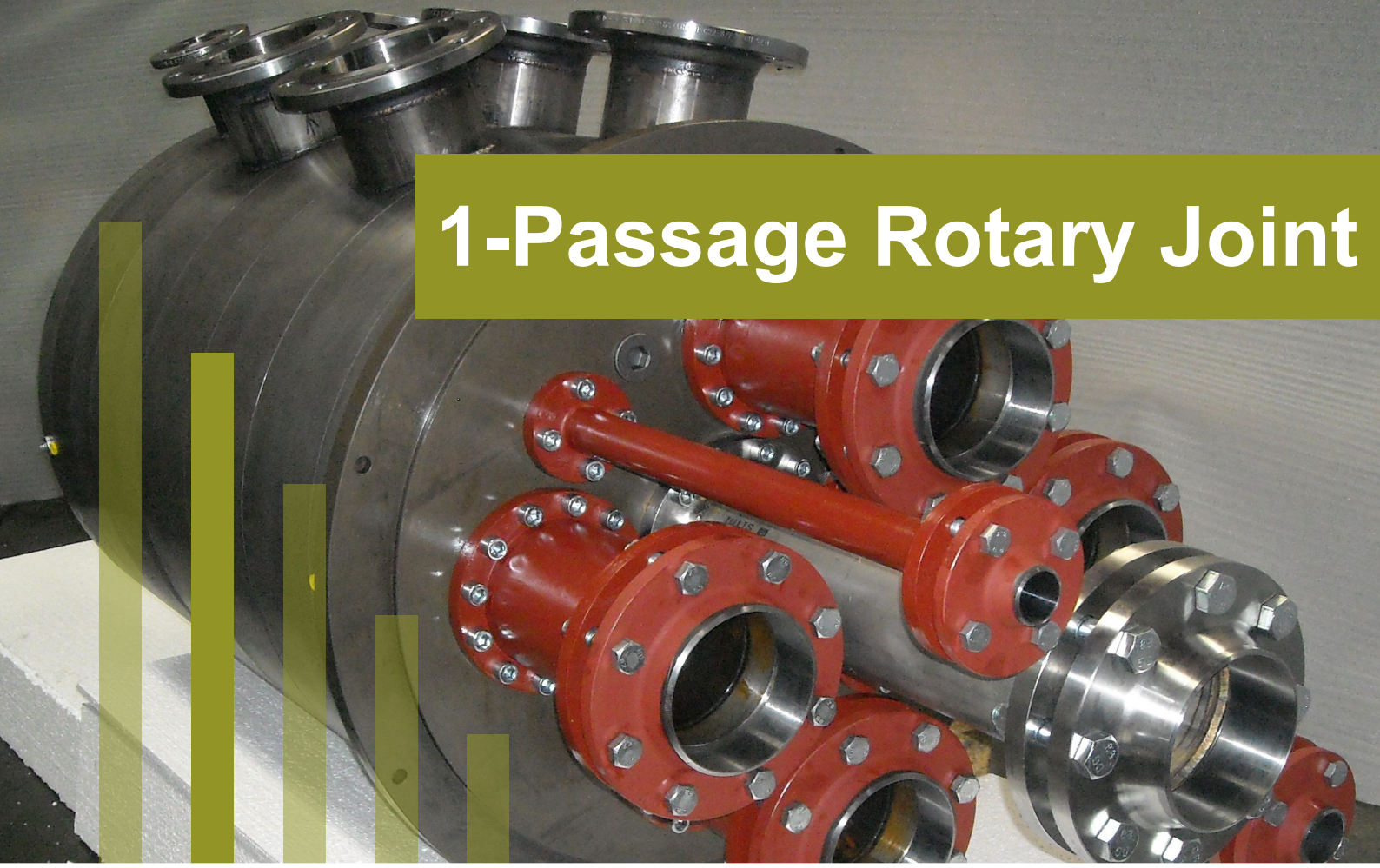

1-Passage Rotary Joint

IGA International TEC

Rotary Joints

Steel Industry

Hydraulic Applications

According to Customers Requirements

Know how & consulting directly from manufacturer with decades of experience

That‘s why you choose... IGA International TEC

- **Radial gaskets**
  Allow a maximum of feasible sealing materials and longer lifetime compared to axial gaskets
- **DUPLEX, SUPERDUPLEX, HASTELLOY, ALUMINIUM…**
  We machine all compatible materials
- **ASME, NACE, NORSOK, DIN…**
  We manufacture according to all required guidelines and directives
- **Customized connections**
- **IGATEC Swivel Joints**
  Made of carbon steel (e.g. St52-3, …) are nitrided to reach maximized hardness of surface and optimized corrosion protection at the same time
- **Certifications**
  TA-Luft
  VdS
  ISO 9001:2008

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1-Passage Rotary Joint

Dimensions:

Nominal diameter	DN15 / $^1/_2$"
Working pressure	10 bar / **145 psi**
Working temp.	Up to 250°C / **482°F**
Material	1.4571 [other materials on request e.g. Aluminium, Hastelloy, etc.]
Gasket material	NBR, Viton, PTFE, HPU
Ball material	Depends on ball bearing manufacturer
Connection	Threaded (female/male, NPT, BSP, etc.), compression fitting, special
No. Passages	1
Fluid	Compressed air
Application	Universal

Technical Features:

Design	Customized
Type of bearing	Groove ball bearing
Type of sealing	Radial
External dust seal	Yes
Secondary seal	Yes
Body	Two-parts
Maximum speed	Depends on gasket material
Weight	Ca. 2kg

IGATEC Rotary Joints will be used wherever miscellaneous liquid and/or gaseous fluids have to be fed into a rotating part of equipment, simultaneously or time-delayed.

By the means of an applicable choice of materials **IGATEC Rotary Joints** can be used for almost every task.

IGATEC Rotary Joints are tailor-made solutions precisely aligned to the requirements of our customers.
For this reason, design as well as production and assembly are carried out in close cooperation with our customers.