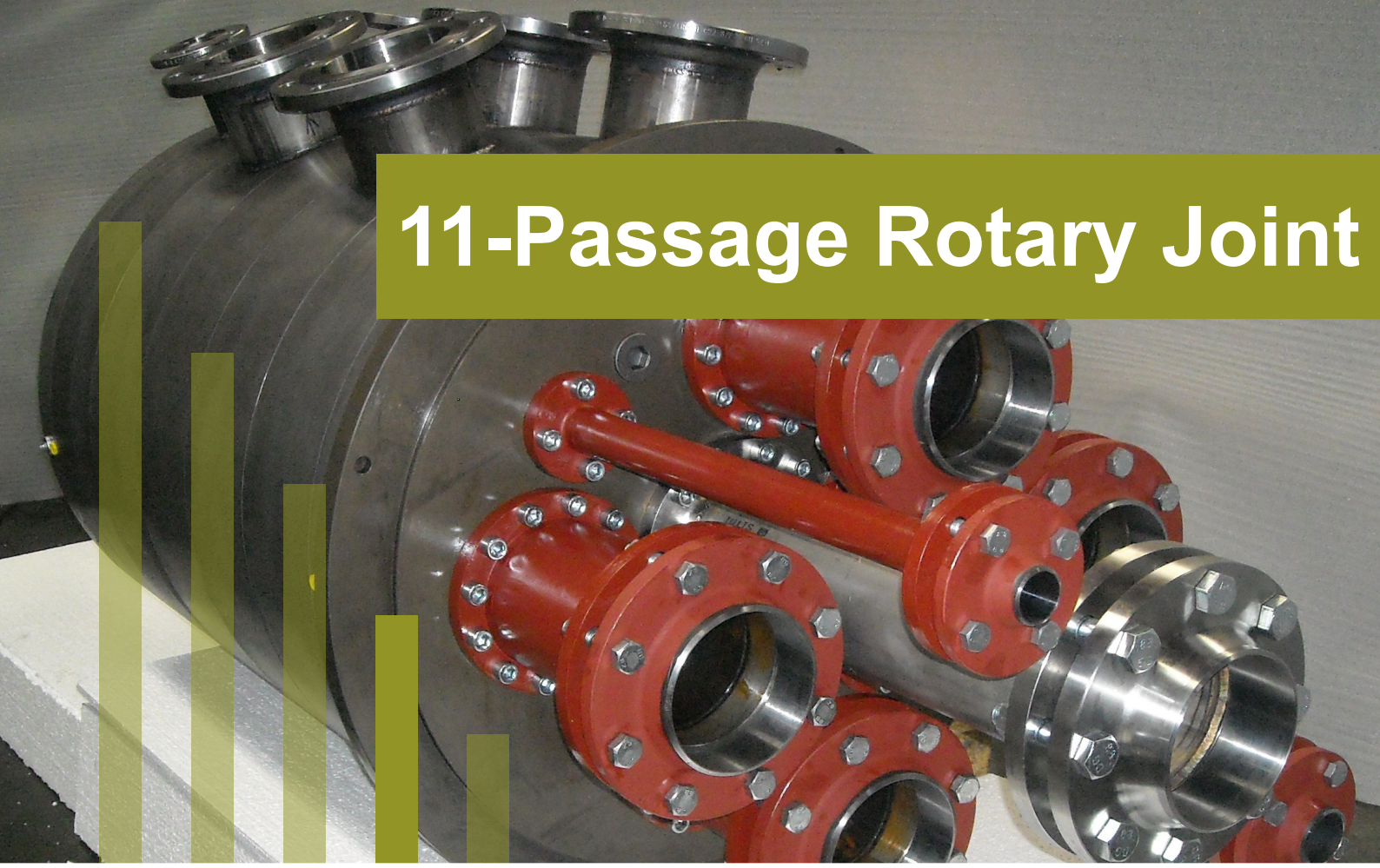
11-Passage Rotary Joint



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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11-Passage Rotary Joint

Dimensions:

Nominal diameter	According to customers spec.
Gasket material	According to customers spec.
Connection	Flange (ANSI/DIN/special), welding, threaded (female/male, NPT, BSP, etc.), compression fitting, special
No. Passages	11
Application	Iron and Steel Industry

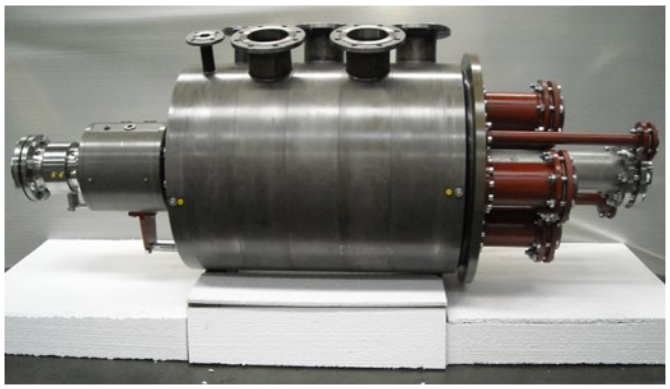
Dimensions per Connection:

Connection	Fluid	Nominal diameter	Working pressure	Working temp.
1	Nitrogen	DN12 - DN150	10 bar - 180 bar	
2	Compressed Air	DN12 - DN150	10 bar - 180 bar	
3	Oxygen	DN12 - DN150	10 bar - 180 bar	
4	Hydraulic oil	DN12 - DN150	10 bar - 180 bar	
5	Chilled water	DN12 - DN150	10 bar - 180 bar	
6				
7				
8				
9				
10				
11				

Technical Features:

Design	Customized
Type of bearing	Groove ball bearing
Type of sealing	According to customers spec.
External dust seal	According to customers spec.
Secondary seal	According to customers spec.
Body	According to customers spec.
Maximum speed	Depends on gasket material
Weight	Ca. 3.000 kg

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.