



Type SO-SL



Customized Swivel Joints

Center Flange Swivel Joints

High Temperature Swivel Joints

Design According to Customers Requirements

Know how & consulting directly from manufacturer with decades of experience

That's why you choose... 

- **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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Swivel Joint Type SO-SL

Customized Swivel Joints with Oxygen Injector

Dimensions:

| | |
|-----------------------------|---|
| Nominal diameter | According to customers spec. |
| Working pressure P_{max} | According to customers spec. |
| Working temp. $T_{min/max}$ | According to customers spec. |
| Material | 1.4571 [others on request. E.g. Hastelloy, etc.] |
| Gasket material | According to customers spec. |
| Ball material | Stainless steel |
| Connections | Flange (ANSI/DIN/Special), customized |
| Style | 10, 11 |
| Application | Steelmill,... |

* P_{max} and T_{max} may not occur at the same time

Technical Features:

| | |
|--------------------------------|-----------------------------|
| Design | Customized |
| No. of ball races | 2 |
| Fluid | Oxygen,... |
| Type of sealing | Radial |
| External dust seal | Yes |
| Secondary seal | No |
| Body | Three-parts |
| Connection for leakage control | Yes |
| Without grease nipple | On request |
| Maximum speed | Depends on sealing material |

Special Design

Completive to the standard range IGATEC is tailoring Swivel Joints according to customers' requirements.

Technical solutions are drafted and realized in close cooperation with the customer.

3D-CAD-System Inventor enables IGATEC to design 3D-Prototypes of parts, to simulate movements and avoid collisions in front end of production.

