# Product overview

Valves and actuators for the most demanding applications



InterApp

A comprehensive product range for municipal and industrial applications



When it comes to transporting and regulating liquids, gases and solids as safely as possible, valves and actuators from InterApp play a decisive role.
With our long-standing experience as a solutions provider, we offer an extensive range of products and services for the most demanding applications around the world.

# PTFE Lined Butterfly Valves

## Bianca

Centric butterfly valve for corrosive fluids and high-purity applications.

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|---|---|
| *Body construction* | Wafer, Lug, U-Section |
| *Nominal diameter* | DN 32—900 |
| *Max. working pressure* | Up to 16 bar |
| *Flange connection* | PN10, PN16, ANSI cl. 150 |
| *Temperature range* | –20°C to 200°C |
| *Body material* | Ductile iron, stainless steel |
| *Disc-shaft (one piece)* | Stainless steel, stainless steel polished Ra <0.8, stainless steel polished Ra <0.4 and Fe <1% , Super Duplex, Super Duplex polished Ra <0.8, Hastelloy, Hastelloy polished Ra <0.8, PFA, PFA antistatic |
| *Liner material* | PTFE, PTFE antistatic, Ultraflon®, Ultralene™, Fluoroplastomer according to FDA 177.1550 and EU no. 10/2011 |
| *Special execution* | High-purity, LABS-free and for explosive atmospheres |



# Rubber Lined Butterfly Valves

## Desponia und Desponia plus

Centric butterfly valve with an elastomer liner for long-lasting use in highly demading environments (Desponia), high-temperature applications, process automation or vacuum applications (Desponia plus).

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| *Body construction* | Wafer, Lug, U-Section |
| *Nominal diameter* | DN 50—1600 (Desponia)<br>DN 25—600 (Desponia plus) |
| *Max. working pressure* | Up to 16 bar (Desponia)<br>Up to 20 bar (Desponia plus) |
| *Flange connection* | PN6, PN10, PN16, ANSI cl. 150 (Desponia)<br>PN6, PN10, PN16, PN25, ANSI cl. 150 (Desponia plus) |
| *Temperature range* | –20°C up to 140°C (Desponia)<br>–40°C up to 200°C (Desponia plus) |
| *Body material* | Cast iron, ductile iron (Desponia)<br>Ductile iron, cast steel, stainless steel (Desponia plus) |
| *Shaft material* | Stainless steel |
| *Disc material* | Ductile iron and Rilsan, Polyurethan, Chrom, Halar coated<br>Steel and Ultralene™ coated,<br>Stainless steel, stainless steel polished Ra <0.4, stainless steel and PEKK coated,<br>Super austenitic steel, Alubronze, Hastelloy |
| *Liner material* | EPDM, NBR, FPM, Flucast®, CSM, ECO, MVQ and others<br>Liners are compliant with FDA rules and EU regulation No. 1935/2004 |
| *Special execution* | Grease-free, LABS-free, for explosive atmospheres and with bonded liner |



**Other butterfly valves**

**EV** *(DN 40—2000)*
centric and vulcanised rubber lined valve

**Aquaria plus** *(DN 25—300)*
for HVAC, swimming pools and irrigation

# Double and Triple Eccentric Butterfly Valves

## Elara

Double eccentric butterfly valve for industrial and petrochemical applications.

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| *Body construction* | **Wafer, Lug** |
| *Nominal diameter* | **DN 50—800** |
| *Max. working pressure* | **Up to 50 bar** |
| *Flange connection* | **PN10, PN16, PN25, ANSI cl. 150/300** |
| *Temperature range* | **–140°C up to 500°C** |
| *Body material* | **Cast steel, stainless steel** |
| *Disc material* | **Stainless steel** |
| *Seat material* | **PTFE with 25% glass fibre, stainless steel** |
| *Special execution* | **Fire Safe and for explosive atmospheres** |



### Other double eccentric valves

**Dynaxe** *(DN 50—900)*
for applications at high pressure and high temperatures

**Econaxe** *(DN 50—400)*
for marine, pulp & paper, sugar production, mining and district heating

**Lysithea** *(DN 400—3000)*
for all kind of water treatment plants and water distribution

### Triple eccentric valves

**Titania** *(DN 80–1400)*
for petrochemical industry and applications at high pressures and high temperatures

# Damper Valve

## Saturnia

Metal seal butterfly valve with controlled leakage to intercept or regulate the flow of fumes and air.

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|---|---|
| *Body construction* | **Wafer, U-Section** |
| *Nominal diameter* | **DN 50—2000** |
| *Max. working pressure* | **Up to 2 bar** |
| *Flange connection* | **PN6, PN10, PN16 and ANSI cl. 150** |
| *Temperature range* | **Up to 1100° C** |
| *Body material* | **Cast steel, stainless steel** |
| *Shaft material* | **According to application** |
| *Disc material* | **According to application** |
| *Special execution* | **Butterfly Damper Valve, Louvre Damper, Diverter Damper** |



# Pneumatic, Electric and Manual Actuators

## IA motion

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|---|---|
| *Type* | **Pneumatic actuator** |
| *Function* | **Double and single acting** |
| *Nominal torque* | **15–10007 Nm (double acting at 6 bar air supply)** |
| *Supply pressure* | **3–8 bar (IA1000D 3–7 bar)** |
| *Temperature range* | **–40°C up to 80°C** |



### Other pneumatic actuators

**AQP motion**
for HVAC applications

**AT-HD**
for Heavy Duty applications

### Electric actuators

**ER**
with manual override

**Industrial actuators**
AUMA, Bernard Controls and VALPES

### Manual actuators

**Gearboxes, handlevers, handwheels**

*InterApp offers various accessories for actuators, such as solenoid valves for pneumatic actuators, position indicators (limit switches open mounted and limit switch boxes), analog and digital positioners, air flow regulators and silencers.*

## Knife Gate Valves

Uni-directional and bi-directional knife gate valves for high performance applications, bulk handling, abrasive slurry, mining and many other industrial applications. The range includes type through conduit, two rubber sleeves and MSS SP-81.

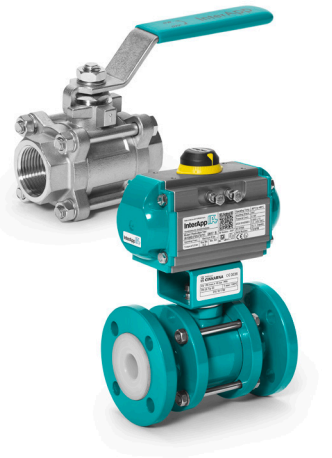
| | |
|---|---|
| *Body construction* | **Wafer, Lug** |
| *Nominal diameter* | **DN 50—1200** |
| *Max. working pressure* | **Up to 25 bar** |
| *Body material* | **Cast iron, stainless steel** |
| *Seat material* | **EPDM/NBR, Metal-to-Metal/EPDM, PTFE** |



## Ball Valves

2-way and 3-way valves for general water applications, corrosive applications as well as pharma and other industrial applications. The range includes L-bore or T-bore as well as models with handlever or top flange.

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| *Body construction* | **1-, 2- or 3-piece body** |
| *Connections* | **Adhesive ends, threaded ends, buttweld ends and flanged ends** |
| *Nominal diameter* | **DN 10 —150** |
| *Max. working pressure* | **Up to 63 bar** |
| *Max. working temperature* | **–20°C up to 230° C** |
| *Body material* | **Brass, stainless steel, steel with PTFE and PTFE antistatic, PE, PP, PVC-U, PVC-C, PP-H, PVDF** |
| *Ball material* | **Brass, stainless steel, steel with PTFE and PTFE antistatic, PE, PP, PVC-U, PVC-C, PP-H, PVDF** |



## Check Valves

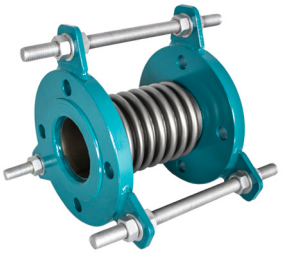
A large range of check valves with different materials for all kind of industrial applications.

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|---|---|
| *Body construction* | **Disco, Flanged poppet, Duo, Swing, Tilting disc check valve, Ball check valve, Wafer poppet check valve, Angle seat check valve** |
| *Nominal diameter* | **DN 10—900** |
| *Max. working pressure* | **Up to 40 bar** |
| *Max. working temperature* | **Up to 400° C** |
| *Body material* | **Stainless steel, austenitic stainless steel, stainless steel/PFA, cast iron, ductile iron, steel/PFA, steel zinc plated, brass, Super Duplex, Aluminium Bronze, PP-H, PVC-C, PVC-U** |
| *Disc/Ball material* | **Stainless steel, stainless steel austenitisch, cast iron, Aluminium Bronze, Super Duplex, steel zinc plated, steel/PFA, PTFE, plastics** |
| *Seal material* | **NBR, EPDM, FKM, FPM, PTFE, metal seated, plastics** |



## Additional products

Moreover, the comprehensive product range comprises diaphragm valves, process valves, strainers, expansion joints, fittings and pipes, flowmeter and analysers.



**Globally local.** As a global production and distribution company, we offer the advantage of a comprehensive portfolio of products and solutions. Thanks to our local presence we are also the ideal consultant as we are familiar with your needs in every project phase and support you with efficient planning services.



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