

Product overview

Valves and actuators for the
most demanding applications



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.

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% , Duplex, 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® and Desponia® plus

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

Body construction	Wafer, Lug, U-Section
Nominal diameter	DN 50–1600 (Desponia®) / DN 25–600 (Desponia® plus)
Max. working pressure	Up to 16 bar (Desponia) / Up to 20 bar (Desponia plus)
Flange connection	PN6, PN10, PN16, ANSI cl. 150 (Desponia®) PN6, PN10, PN16, PN25, ANSI cl. 150 (Desponia® plus)
Temperature range	–20°C up to 140°C (Desponia®) / –40°C up to 200°C (Desponia® plus)
Body material	Cast iron, ductile iron (Desponia) Ductile iron, cast steel, stainless steel (Desponia plus)
Shaft material	Stainless steel
Disc material	Ductile iron and Rilsan, Polyurethan, Chrom, Halar coated Steel and Ultralene™ coated, Stainless steel, stainless steel polished Ra <0.4, stainless steel and PEKK coated, Super austenitic steel, Alubronze, Hastelloy
Liner material	EPDM, NBR, FPM, Flucast®, CSM, ECO, MVQ and others 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



Aquaria plus

Centric butterfly valve with loose elastomer sleeve for HVAC, swimming pool and irrigation industries.

Body construction	Wafer, Lug
Nominal diameter	DN 25–300
Max. working pressure	16 bar DN 25–150 10 bar DN 200–300
Flange connection	PN6, PN10, PN16, ANSI cl. 150
Temperature range	–20°C bis 130°C
Body material	Nodular cast iron
Shaft material	Stainless steel
Disc material	Nodular cast iron with epoxy coating
Disc material	EPDM HT



Double and Triple Eccentric Butterfly Valves

Elara

Double eccentric butterfly valve for heavy-duty applications.

Body construction	Wafer, Lug
Nominal diameter	DN 50–600
Max. working pressure	Up to 50 bar
Flange connection	PN10, PN16, PN25, PN40, PN50, ANSI cl. 150, ANSI cl. 300
Temperature range	-50°C* up to 400°C
Body material	Carbon steel, Stainless steel
Disc material	Stainless steel
Seat material	MPTFE, Metal, Fire Safe
Special execution	Grease free, ATEX certified according to directive ATEX 2014/34/EU, Fugitive emission according to ISO 15848-1, DIN3780, MSS-SP-143



*A low temperature and cryogenic version is available on request

Other double eccentric valves

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.

Body construction	Wafer, U-förmig
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

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

AT-HD

for Heavy Duty applications

Electric actuators

ER

with manual emergency operation

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.

<i>Body construction</i>	Wafer, Lug
<i>Nominal diameter</i>	DN 50–1200
<i>Max. working pressure</i>	Up to 25 bar
<i>Body material</i>	Cast iron, stainless steel
<i>Seat material</i>	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.

<i>Body construction</i>	1-, 2- or 3-piece body
<i>Connections</i>	Threaded ends, buttweld ends and flanged ends
<i>Nominal diameter</i>	DN 10–600
<i>Max. working pressure</i>	Up to 250 bar
<i>Max. working temperature</i>	–20°C up to 230° C
<i>Body material</i>	Brass, stainless steel, steel with PTFE and PTFE antistatic
<i>Ball material</i>	Brass, stainless steel, steel with PTFE and PTFE antistatic



Check Valves

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

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



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.



InterApp GmbH

Schillerstrasse 50
DE - 42489 Wülfrath
T: +49 2058 890 92 50

info@de.interapp.net
www.interapp.net