

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.

<i>Body construction</i>	Wafer, Lug, U-Section
<i>Nominal diameter</i>	DN 32–900
<i>Max. working pressure</i>	Up to 16 bar
<i>Flange connection</i>	PN10, PN16, ANSI cl. 150
<i>Temperature range</i>	–20°C to 200°C
<i>Body material</i>	Ductile iron, stainless steel
<i>Disc-shaft (one piece)</i>	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
<i>Liner material</i>	PTFE, PTFE antistatic, Ultraflon®, Ultralene™, Fluoroplastomer according to FDA 177.1550 and EU no. 10/2011
<i>Special execution</i>	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 demanding environments (Desponia®), high-temperature applications, process automation or vacuum applications (Desponia® plus).

<i>Body construction</i>	Wafer, Lug, U-Section
<i>Nominal diameter</i>	DN 50–1600 (Desponia®) DN 25–600 (Desponia® plus)
<i>Max. working pressure</i>	Up to 16 bar (Desponia®) Up to 20 bar (Desponia® plus)
<i>Flange connection</i>	PN6, PN10, PN16, ANSI cl. 150 (Desponia®) PN6, PN10, PN16, PN25, ANSI cl. 150 (Desponia® plus)
<i>Temperature range</i>	–20°C up to 140°C (Desponia®) –40°C up to 200°C (Desponia® plus)
<i>Body material</i>	Cast iron, ductile iron (Desponia®) Ductile iron, cast steel, stainless steel (Desponia® plus)
<i>Shaft material</i>	Stainless steel
<i>Disc material</i>	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
<i>Liner material</i>	EPDM, NBR, FPM, Flucast®, CSM, ECO, MVQ and others Linings are compliant with FDA rules and EU regulation No. 1935/2004
<i>Special execution</i>	Grease-free, LABS-free, for explosive atmospheres and with bonded liner



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. 150/300
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

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.

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



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.

Body construction	1-, 2- or 3-piece body
Connections	Threaded ends, buttweld ends, 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
Ball material	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.

Body construction	Disco, Duo, Swing, Flanged poppet check valve, Wafer poppet check valve, Ball 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
Disc/Ball material	Stainless steel, stainless steel austenitisch, cast iron, Aluminium Bronze, Super Duplex, steel zinc plated, steel/PFA, PTFE
Seal material	NBR, EPDM, FKM, FPM, PTFE, metal seated



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



Electric actuators

ER
with manual override

Industrial actuators

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 as well as diaphragm valves.

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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