

Resistant valves for Li-ion battery production

Li-ion battery production -
Expertise in demanding applications



Acid and abrasion resistant valve solutions

Highly reliable valves and competent technical support. As a customer-focused production and sales company, we offer you high quality and readily available valves. Our experienced technicians have a broad application know-how in acidic and abrasive applications and support you in realising the best solutions for your plant.

InterApp product solutions for Lithium-ion battery production comprise:

- Process-specific valve solutions
- Highly reliable products
- Cost effective and long-lasting valves
- Stainless steel body and inner parts
- Special disc coating for abrasive and corrosive applications
- High purity, LABS-free and ATEX versions
- High availability of products and spare parts

Desponia® and Desponia® plus Elastomer-lined butterfly valve



Body construction	Wafer, Lug, U-Section
Nominal diameter	DN 25–1600 (1"–64")
Max. working pressure	Up to 16 bar (232 psi), 20 bar (290 psi) with Desponia plus
Flange connection	PN6, PN10, PN16, ANSI cl. 150, JIS, AS, AWWA, etc.
Temperature range	–20°C to 200°C (–4°F to 392°F)
Body material	Ductile iron, Stainless steel
Disc material	Stainless steel, Stainless steel polished Ra < 0.4, Halar coating and PEKK coating
Liner material	EPDM, CSM and Flucast AB/P
Special executions	Execution for explosive atmospheres Cold vulcanised liner for vacuum applications

Bianca PTFE-lined butterfly valve



Body construction	Wafer, Lug, U-Section
Nominal diameter	DN 32–900 (1¼"–36")
Max. working pressure	Up to 16 bar (232 psi)
Flange connection	PN10, PN16, ANSI cl. 150, AS 2129 tab D and E, JIS B2220
Temperature range	–20°C to 200°C (–4°F to 392°F)
Body material	Ductile iron, Stainless steel
Disc-shaft (one piece)	Stainless steel, Stainless steel polished Ra < 0.4, Duplex, Hastelloy, PFA overmoulded
Liner material	PTFE, Ultraflon®, Ultralene™
Special execution	Execution for explosive atmospheres High purity

Other products



Stainless steel ball valves

2- way valves in stainless steel, available with 2- or 3-piece body.



PFA-lined ball valves

Full bore ball valves, execution with ceramic ball is available as option for abrasive applications.



Check valves

Stainless steel check valves, Swing and Disco, are available in various executions.



Actuators and accessories

Actuators and a large range of accessories are available to complete the system.

We are there for you. Anywhere, anytime.

As an international company with extensive product and project expertise, we support you with our sales partners and our technical support team in all parts of the world.

