Efficient and on time available valve solutions

Scrubber and ballast systems –
Flexibility and in-depth application know-how

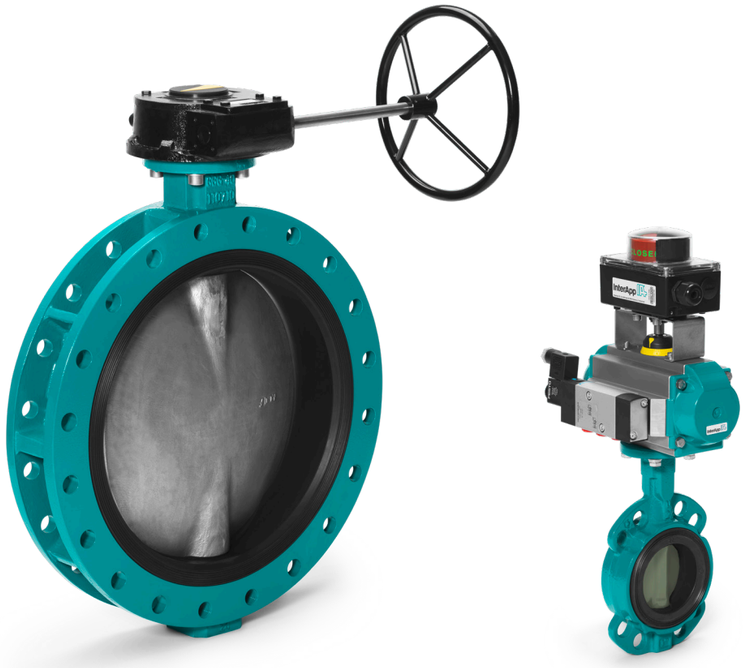
InterApp

Our flexibility to your success

As a globally positioned production and sales company, we offer long-lasting, certified and on-time available product solutions for exhaust gas cleaning systems and the connection of scrubber systems to the ballast system. Whether for new built ships, retrofit or maintenance requirements, a large range of liners, disc and actuators enable to create valve configurations that perfectly meet your specific application needs.

Thanks to our flexible production and in-depth application know-how, we are able to assist you to realise the most efficient solution on time.

Always reliable



Expect more

1 Reliability

Our butterfly valves convince with their superior technical features. They guarantee a trouble-free operation and high lifetime.

2 Availability

Flexible production sites in Switzerland, Spain and China enable short delivery times, even for large sizes.

3 Product variety

The resistant body, robust liner and discs are available in different materials in order to create the best solution for your application.

4 Certified products

Our products are DNV, RINA and BV approved. 2.2, 3.1 or 3.2 certificates can be provided upon request.

Desponia®
Elastomer-lined butterfly valve

Centric butterfly valve for scrubber and ballast systems as well as for sea water and chemicals in general.

Body construction	Wafer, Lug, U-Section
Nominal diameter	DN 25 – 1600 (1" – 64")
Max. working pressure	Up to 16 bar
Flange connection	PN6, PN10, PN16, ANSI cl. 150, JIS 5K, JIS 10K, JIS 16K
Temperature range	–20°C to 200°C
Body material	Ductile iron
Disc material	Super Austenitic steel, Nickel Alumnium Bronze, Super Duplex, Halar® coated
Liner material	EPDM, NBR, FPM and others

Desponia® plus
Elastomer-lined butterfly valve

Centric butterfly valve for scrubber and ballast systems as well as for sea water and chemicals at higher pressures.

Body construction	Wafer, Lug
Nominal diameter	DN 50 – 600 (2" – 24")
Max. working pressure	Up to 20 bar
Flange connection	PN6, PN10, PN16, ANSI cl. 150, JIS 5K, JIS 10K, JIS 16K
Temperature range	–40°C to 200°C
Body material	Ductile iron, Carbon steel, Stainless steel
Disc material	Super Austenitic steel, Nickel Alumnium Bronze, Super Duplex, Halar® coated
Liner material	EPDM, NBR, FPM and others

Bianca
PTFE-lined butterfly valve

Centric butterfly valve for scrubber systems and for highly corrosive chemicals.

Body construction	Wafer, Lug, U-section
Nominal diameter	DN 32 – 900 (1 ¼" – 36")
Max. working pressure	Up to 16 bar
Flange connection	PN10, PN16, ANSI cl. 150, JIS 10K
Temperature range	–20°C to 200°C
Body material	Ductile iron, Stainless steel
Disc-shaft (one piece)	Super Duplex, Hastelloy®, PFA overmoulded
Liner material	PTFE, Ultraflon®

The right configuration **for your system**

Exhaust gas cleaning system

Butterfly valves	Body construction	DN	Body material	Disc / Liner material	Actuator	Accessories	Certificates
Desponia®	Wafer, Lug	DN100-700	Ductile iron	Nickel Alumnium Bronze, Super austenitic, Super Duplex, Halar® coated / EPDM, NBR, FPM	Handlevers Gearboxes Hydraulic actuators Pneumatic actuators	Limit switch boxes Solenoid valves Positioners	3.1 / DNV, BV, RINA
Bianca	Wafer, Lug	DN50 - 400	Ductile iron	PFA overmoulded PTFE	Handlevers Gearboxes Pneumatic actuators	Limit switch boxes Solenoid valves Positioners	3.1
Damper valves							
Saturnia	Double flange	DN300-2000	Corten A / Stainless steel with PREN > 40	Corten A / Stainless steel with PREN > 40 / Metal seated	Pneumatic actuators	Limit switch boxes Solenoid valves Emergency gearboxes	3.1
Check valves							
Neptunia	Wafer (retainerless design available)	DN50-600	Nickel Alumnium Bronze, Duplex, Super Duplex	Nickel Alumnium Bronze, Duplex, Super Duplex / EPDM, NBR, Metal seated			3.1 / Lloyds register
Ball valves							
BVE 22	Two piece body, full bore	1/2" - 3"	Stainless steel		Handlevers		
BVC 21	One piece body, full bore	DN25-100	Stainless steel Cast steel		Handlevers Pneumatic actuators		

Connection of the scrubber to ballast system

Sea chest valves	Body construction	DN	Body material	Disc / Liner material	Actuator	Accessories	Certificates
Desponia®	Lug, U-section	DN450 - 1000	Ductile iron	Nickel Alumnium Bronze, Super austenitic, Super Duplex / NBR	Electrohydraulic actuators Hydraulic actuators	Emergency gearbox Hand pump Local power unit Limit switch boxes Position indication box	3.2 approved by DNV and BV
Mud box valves							
Desponia®	Wafer, U-section	DN450 - 1000	Ductile iron	Nickel Alumnium Bronze, Super austenitic, Super Duplex / NBR	Gearbox		3.1 / DNV, BV, RINA
Overboard valves							
Desponia®	Lug, U-section	DN450 - 1000	Ductile iron	Nickel Alumnium Bronze, Super austenitic, Super Duplex / NBR	Electrohydraulic actuators Hydraulic actuators	Emergency gearbox Hand pump Local power unit Limit switch boxes Position indication box	3.2 approved by DNV and BV

All valves feature the flange connection PN10, PN16, JIS 10K, JIS 16K, ANSI cl. 150.

Membership EGCSA

Certificates DNV·GL, Lloyd's Register

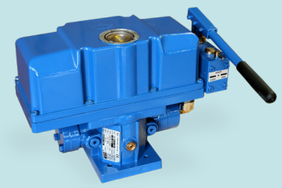
Other products for the marine industry

Neptunia

Duo check valve for scrubber systems with e.g. Super Duplex plate or Nickel Aluminium Bronze plate, elastomer seated or metal seat.

Ball valves

A large product range of 2 and 3 way valves are available in different materials to complete the exhaust gas cleaning systems.



Actuators

Depending on the specific requirements, InterApp valves can be operated manually or automatically by hydraulic, pneumatic or electric actuators (pictured: electro-hydraulic actuator).

Reliable valve solutions for exhaust gas cleaning systems and its connection to the ballast systems

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With InterApp butterfly valves Desponia® and Bianca

High quality solutions and first-class logistics are essential to meet the tight projects schedules in the marine business.

InterApp has been active in the marine market for many years where its butterfly valves and actuators are installed in various places. Due to the new regulations which aim to reduce the Sulphur oxides emissions of ships, installations of marine scrubber systems to cleanse the exhaust gases of SOx are continuously increasing.

In order to meet the tight project schedules, scrubber manufacturers, installers and retrofit companies, as well as shipyards depend on reliable partners. InterApp has proven itself to be a competent and reliable valve supplier for marine applications by providing on time the necessary products to the various destinations.

For each project and in close cooperation with the customers, the engineers at InterApp design a complete package, using the appropriate materials and types of valves. Marine approved, safe and reliable valves, a quick availability of valves and spare parts as well as a first-class logistics guarantee to realise the most efficient system solution in the requested quality and time.

InterApp's product range for exhaust gas cleaning systems and ballast systems includes rubber lined butterfly valves, PTFE-lined butterfly valves, check valves, ball valves, actuators and accessories.

Whether for retrofit or newbuilding, with the supply of projects worldwide, InterApp and its partners make a significant contribution to reduce emissions and protect the environment.

Globally local

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.
Our flexible production sites in Switzerland, Spain and China provide readily available valves and sparte parts and contribute to realise your projects on time.

We are there for you.
Anywhere, anytime.

Facts & Figures

/ 1969 founded in Switzerland
/ 3 manufacturing sites in Switzerland, Spain and China
/ Over 20 sales and distribution companies and export sales partners
/ A dedicated member of the AVK Group since 2010

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