

Big sample case – Bianca and Desponia®

Centric butterfly valves
Bianca and Desponia®



Variety and availability

Bianca discs/shafts

Bianca backliners

Safety sealing package,
TA-Luft sealing package

Desponia® discs

Desponia® liners

Bianca liners



Bianca cut model

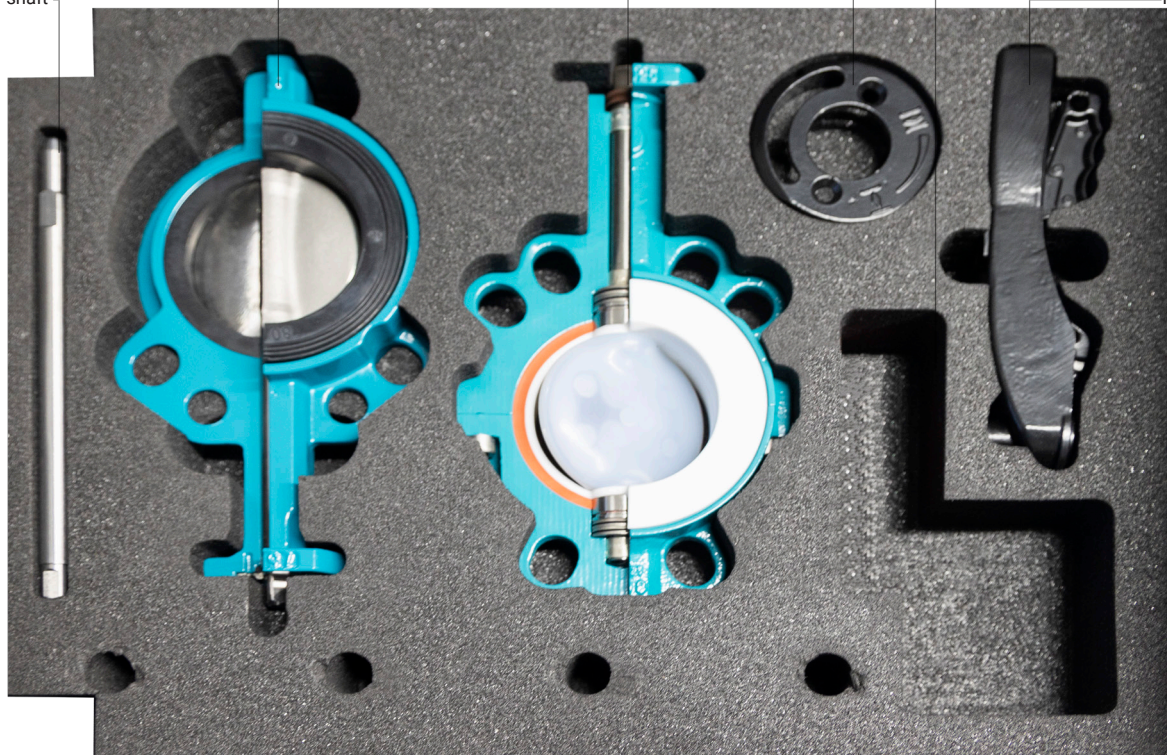
Desponia® cut model

Desponia® shaft

Notch plate

Empty space

Handlever



The InterApp big sample case presents a selection of components of Bianca and Desponia® butterfly valves. Each component has special characteristics that makes it suitable for a specific application.

Component	Materials/Description	Remarks
Case	Polypropylene case	equipped with wheels for easy transportation
Bianca model	Wafer, PFA overmoulded disc, PTFE liner	quarter cut
Desponia® model	Wafer, stainless steel disc, EPDM liner	quarter cut
Actuator	Aluminium handlever	including dial
Bianca discs	Stainless steel	for not too corrosive media, like solvents, hot gases, steam at low pressure
	Stainless steel polished	for life science applications like powders, pure steam, food and beverage
	PFA overmoulded stainless steel	for all corrosive or high purity applications
	Conductive PFA overmoulded	for explosive and corrosive applications
Bianca liners	Standard PTFE	for corrosive, non-abrasive and not too elevated temperatures or high purity applications
	Ultraflon®	for high temperatures, vacuum, high operating cycles, or slightly abrasive applications
	Conductive PTFE	for explosive and corrosive applications
Bianca backliners	MVQ (silicone)	for a broad range of applications
	FPM	for extremely aggressive and tends to diffusion media, like chlorine applications
	EPDM	for when silicone is not suitable and for higher working pressure
Bianca safety sealing parts	Spring washers, pressure capsules, sealing rings, trust collars, V-lip sealing ring	these parts are compressing the liner at the pole area and create a perfect primary and secondary shaft sealing, sealing rings are the same material as the backliner
Bianca TA-Luft sealing parts	Stainless steel rings, FPM O-ring, sealing plates	
Desponia® discs	Stainless steel	for wide range of slightly corrosive liquids and gases
	Stainless steel polished	for life science applications like powders and food and beverage
	Super austenitic stainless steel	for desalination and other corrosive applications
	Hastelloy	for highly corrosive applications at higher temperatures
	Aluminium-bronze	typically for sea water
	Rilsan® coated ductile iron	for a wide range of applications, such as water and gases up to 90 °C
	Chromed ductile iron	for air and low pressure steam
	Halar® coated	for corrosive industrial applications and very often for desalination
	PEKK coated	for corrosive and abrasive applications up to 160 °C
Ultralene coating™ overmoulded	for very high abrasive and also high corrosive applications	
Desponia® liners	EPDM EC	for applications at higher temperatures up to 130 °C
	EPDM EE	for drinking water, has different food and drinking water approvals
	White EPDM EF	for applications such as flour, milk powder, in which abraded black particles are not accepted in the media, has FDA and European food grade approvals
	Blue EPDM EM	for easy detection of broken parts into food process lines, has FDA and European food grade approvals
	Standard NBR N	for oil, grease, hydrocarbons, inert gases
	NBR NG	for when DVGW gas approval is required
	CSM H	for ozone, weak acids and mineral basis, alcohols, ketones, and esters
	FPM V	for hydrochloric acid in all concentrations up to 80 °C
	Red MVQ S, silicone-based	for hot and inert gases at low pressure
	Colourless MVQ SA, silicone-based	for when food grade approval (FDA or European) is required
	Flucast FT	for abrasive applications
	Flucast FP	for dry abrasive media such as cement, concrete, mortar
	Desponia® shaft	Stainless steel

Attention: the materials might be different due to customer request or InterApp product update.

Ordering code	MDC.002
Dimensions	56x45x26 cm
Total weight	18 kg

Globally local. InterApp develops, manufactures and markets valves and valve systems. As a customer-focused technology company, we supply comprehensive flow control solutions for the most demanding industries around the world.

