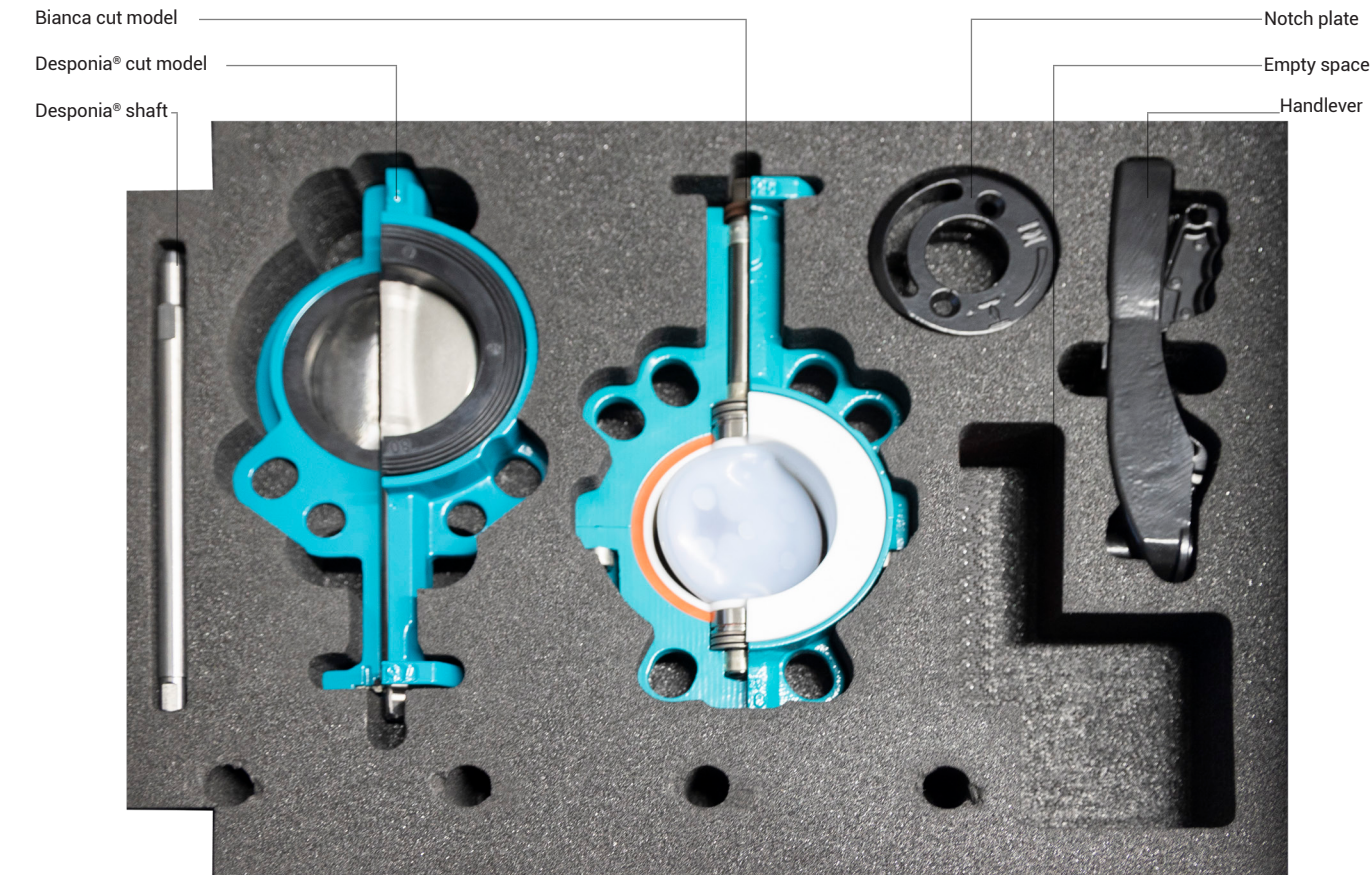


# Big sample case – Bianca and Desponia®

Centric butterfly valves  
Bianca and Desponia®



# Variety and availability



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 Ultraflon®                                                          | 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       |

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