

A modular system with proven technology  
for individual customer requirements.



## DESPONIA & DESPONIAplus - centred butterfly valve

Applications	All water treatment applications up to max. 16 bar pressure. All kind of low corrosive fluids where liner and disc material is sufficiently resistant. Desalination with Halar® coated or Duplex and Super Austenitic discs
Applications	Hot air or neutral gases at higher temperatures.
DESPONIA plus	Water applications higher than 16 bar up to 20 bar. Where cast steel or stainless steel body is required
Body types	DESPONIA: Wafer, Lug and U-section body DESPONIA plus: Wafer and Lug
Nominal diameters	DESPONIA: DN 25 - 1600 / 1" - 64" DESPONIA plus: DN 25 - 600 / 1" - 24"
Working pressure	DESPONIA: p max = 16 bar DESPONIA plus: p max = 20 bar
Ratings	PN6/10/16/25, ANSI cl.150 and others
Body materials	DESPONIA: EN-JL 1040 and EN-JS 1030 DESPONIA plus: EN-JS 1030, GS-C25/A216 WCB, 1.4408/CF8M
Disc materials	EN-JS 1030, 1.4408/CF8M, Alu Bz C95800 and others, different coatings
Liner materials	EPDM, NBR, CSM, FPM and others



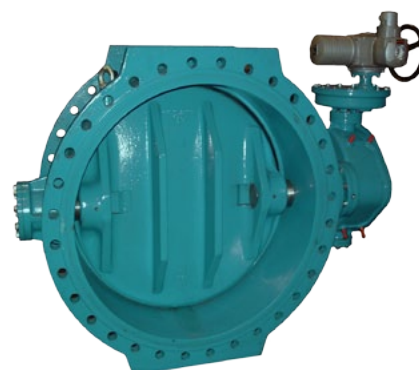
## BIANCA - centred butterfly valve

Applications	For corrosive applications or purified water
Body types	Wafer, Lug and U-section body
Nominal diameters	DN 32 - 900 / 1¼" - 36"
Working pressure	p max = 16 bar
Ratings	PN10/16, ANSI cl.150 and others
Body materials	EN-JS 1025
Disc materials	1.4404/AISI 316L, PFA coated
Liner materials	PTFE, ULTRAFLON®



## LYSITHEA - double eccentric butterfly valve

Applications	Water applications in general, drinking water, desalination
Body type	Double flanged
Nominal diameters	DN 200 - 3000 / 8" - 120"
Working pressure	6 bar - 40 bar depending on diameter
Ratings	PN10/16/25/40 and others
Body materials	EN-JS 1030, EN-JS 1050, St 52, rubber lined
Disc materials	EN-JS 1030, EN-JS 1050, St 52, rubber lined, 1.4401/AISI 316 and others
Seat materials	EPDM, FPM, PTFE and others



## ELARA - double eccentric butterfly valve

Applications	In general medium pressure applications, steam, hot air and gases
Body types	Wafer and Lug
Nominal diameters	DN 50 - 800 / 2"-32" (others on request)
Working pressure	p max = 50 bar depending on diameter
Ratings	PN 10/16/25/40, ANSI cl. 150/300 and others
Body materials	GS-C25/A216 WCB, 1.4408/CF8M
Disc materials	1.4021/AISI420, 1.4408/CF8M
Seat materials	PTFE+GF, metal seated, Fire safe



## TITANIA - triple eccentric butterfly valve

Applications	Gases and steam at higher pressures and temperatures, Reverse Osmosis
Body types	Wafer, Lug, double flanged and welded ends
Nominal diameters	DN 80 - 1400 / 3.2" - 56"
Working pressure	p max = 100 bar depending on diameter
Ratings	PN 10/16/25/40, ANSI cl. 150/300/600 and others
Body materials	GS-C25/A216 WCB, 1.4408/CF8M and others
Disc materials	GS-C25/A216 WCB, 1.4408/CF8M and others
Seat material	Metal



## Ball valves stainless steel

Applications	General applications for clean, neutral or aggressive fluids and gases
Types	With 1, 2 or 3 pieces body 2- or 3 ways With handlever, electric or pneumatic actuator
Connections	Threaded ends Butt weld ends short or long Flanged ends
Nominal diameters	DN 10 - 150 / 0.4" - 6"
Working pressure	p max = 63 bar
Body material	CF8M (1.4408)
Ball material	AISI 316 (1.4401)
Seat ring materials	PTFE, PTFE+GF+C



## Gate valves

Applications	Water applications in general Waste water treatment plants Water loaded with solids
Body type	Gate valves: flanged Knife gate valves: Wafer
Nominal diameters	Gate valves: DN 40 - 1600 / 1.5" - 64" Knife gate valves: DN 50 - 1200 / 2" - 48"
Working pressure	Gate valves: p max = 25 bar Knife gate valves: p max = 10 bar
Ratings	PN 10/16/25 and others
Materials	Cast iron, ductile iron and stainless steel
Seat materials	EPDM, NBR, metal and others



## Check valves

Applications	Water applications in general
Body type	Swing and duo check valves: Wafer Ball check valves: flanged
Nominal diameters	Swing check valves: DN 25 - 1000 / 1" - 40" Duo check valves: DN 25 - 1000 / 1" - 40" Ball check valves: DN 40 - 400 / 1.6" - 16"
Working pressure	p max = 16 bar
Ratings	PN 10/16 ANSI cl. 150 and others
Materials	Cast iron, ductile iron, stainless steel and others
Seat materials	EPDM, NBR, metal and others



As a customer-focused technology and project management company, InterApp develops, manufactures and implements state-of-the-art flow control solutions.

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