

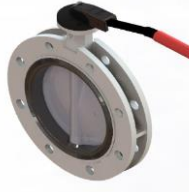




# Centric Butterfly valves

Valve type	FL(w)	LUG(w)	FG(w)	KL	BBNV(w)
					
<b>Body type</b>	Wafer	Lug	Flanged	WAFFER in Aluminium	Grooved Ends
<b>Product range</b>	DN 25 - 1200	DN 25 - 1000	DN 150 - 1600	DN 50 - 500	DN 32 - 1200
<b>Standard design</b>	EN593	EN 593	EN 593	EN 593	EN 593
<b>Face to face</b>	EN 558-1 Series 20 (DIN 3202 T3 K1) ISO 5752 T5 short type API 609, BS 5155 series 4-5 except DN350	EN 558-1 Series 20 (DIN 3202 T3 K1) ISO 5752 T5 short type API 609, BS 5155 series 4-5 (except DN350)	EN 558-1 Series 20 (DIN 3202 T3 K1) ISO 5752 T5 short type API 609, BS 5155 series 4-5 (except DN350)	EN 558-1 Series 20 (DIN 3202 T3 K1) ISO 5752 T5 short type API 609, BS 5155 series 4-5 (except DN350)	EN 558-1 Series 13 ISO 5752 short pattern 13 BS5155 Series 2 short
<b>Top Flange</b>	EN ISO 5211 / NFE 29-402	EN ISO 5211 / NFE 29-402	EN ISO 5211 / NFE 29-402	EN ISO 5211 / NFE 29-402	EN ISO 5211
<b>Drilling Norm</b>	EN1092 PN 10/16, ANSI Class 150	EN1092 PN 10/16, ANSI Class 150	EN1092 PN 10/16, ANSI Class 150	EN1092 PN 6/10/16, ANSI Class 150	EN1092 PN 10/16, ANSI Class 150
<b>Marking</b>	EN 19	EN 19	EN 19	EN 19	EN 19
<b>Working pressure</b>	16 bar DN 32 - 150 10 bar DN 200 - 1200 16 bar DN 200 - 1200 optional	16 bar DN 32 - 150 10 bar DN 200 - 1000	16 bar DN 150 10 bar DN 200 - 1600 16 bar DN 200 - 1600 optional	10 bar DN 50 - 100 6 bar DN 125 - 200 3 bar DN 250 - 500	16 bar DN 40 - 150 16 bar DN 200 - 1200 optional
<b>Working temperature</b>	From -40°C to +210°C	From -40°C to +210°C	From -40°C to +210°C	Max. 95 °C	From -40°C to +210°C
<b>Hydraulic tests:</b>	EN 12266 / ISO 5208 Rate A	EN 12266 / ISO 5208 Rate A	EN 12266 / ISO 5208 Rate A	EN 12266 / ISO 5208 Rate A	EN 12266 / ISO 5208 Rate A
<b>Remarks</b>	Pressure equipment directive 97/23/CE Optional: ATEX (II 2GD) 94 /9/CE Vulcanized Seat	Pressure equipment directive 97/23/CE Optional: ATEX (II 2GD) 94 /9/CE Vulcanized Seat	Pressure equipment directive 97/23/CE Optional: ATEX (II 2GD) 94 /9/CE Vulcanized Seat	Pressure equipment directive 97/23/CE Optional: ATEX (II 2GD) 94 /9/CE	Pressure equipment directive 97/23/CE
<b>Applications</b>	<ul style="list-style-type: none"> <li>Water treatment plants and water distribution</li> <li>HVAC (Heat Ventilation Air Conditioning)</li> <li>Firefighting</li> <li>General services</li> <li>Shipbuilding</li> <li>Irrigation</li> <li>Powder products</li> </ul>	<ul style="list-style-type: none"> <li>Water treatment plants and water distribution</li> <li>Cooling systems</li> <li>Firefighting</li> <li>Heating</li> <li>Shipbuilding</li> <li>Gas distribution</li> </ul>	<ul style="list-style-type: none"> <li>Filtration</li> <li>Water treatment</li> <li>Water distribution</li> <li>Cooling systems</li> <li>Shipbuilding</li> </ul>	<ul style="list-style-type: none"> <li>HVAC (Heat ventilation air conditioning)</li> <li>Air and gas installations</li> <li>Irrigation systems</li> <li>Food industry</li> </ul>	<ul style="list-style-type: none"> <li>Shipbuilding</li> <li>Water plants</li> <li>Above-ground valves</li> <li>Water distribution</li> <li>Cooling systems</li> </ul>

## STANDARD MATERIALS

Body	Discs	Shafts	Bushings	O-ring
Cast Iron Nodular cast iron GGG-40 + Epoxy 250µm Ductile Cast Iron Cast Carbon Steel Cast Stainless Steel Cast Stainless Steel Bronze/Tin Casting Aluminum Bronze Casting Carbon Steel Stainless Steel Cast Aluminum	Ductile Cast Iron Nodular cast iron GGG-40 + Epoxy 150-250µm Cast Carbon Steel Cast Stainless Steel Bronze-Tin Casting Aluminum Bronze Casting Ductile Cast Iron + EPDM Cast Aluminum Duplex Super Austenitic Super Duplex	Stainless Steel Super Duplex Duplex Alloy Ni-Cu	Acetyl / Bronze / Steel-Bronze-PTFE	NBR / VITON

## COATINGS

The body and disc could be coated/ treated with:

- Epoxy resin
- Rilsan (Polyamide 11)
- Halar (Fluor polymer)
- Other under request

## SEAL QUALITIES

EPDM  
NBR  
MVQ  
FPM  
CSM  
ECO