

## **NEW: 33 bar in the food industry**

Resist the pressure! Take the best: the new high-pressure butterfly valves made by Guth Ventiltechnik. For maximum protection against pressure surge and vacuum in beverage and food pipelines. Secured by an up to eightfold screwed valve housing. These valves combine a pressure resistance of up to 33 bar never reached before with the hygienic guidelines of the food industry. Ideal also for insulated pipelines – thanks to the extra long shaft to the actuator. Perfect for the application in diaphragm filtrations. The current nominal widths, pipeline connections and the flexible Guth actuator solutions guarantee to you the suitable solution for your application at any time.

### **Your advantages:**

- ▶ High pressure resistance: up to 33 bar/housing PN 40
- ▶ Large range of nominal widths: DN 25–100
- ▶ Broad range of pipeline connections
- ▶ Easy assembly
- ▶ Low-wear seals
- ▶ Large range of actuations and accessories
- ▶ Maintenance-free actuators of different sizes, single- or double-acting: Guarantee 5 years
- ▶ **Option:** Control head



# HIGH-PRESSURE BUTTERFLY VALVES

## The most important features at a glance

TECHNICAL DATA	
<b>Sizes</b>	DN 25–100
<b>Materials</b>	
product-wetted:	1.4404 / AISI 316L
not product-wetted:	1.4301 / AISI 304
<b>Surfaces</b>	
product-wetted:	Ra < 0.8 µm e-polished
<b>Seals</b>	HNBR, FKM, Silicone, EPDM (FDA conform) easily switchable, particularly pressure-resistant, reliable in function and low-wear
<b>Housing</b>	PN 40 (valve open)
DN 25–65	fourfold screwed
DN 80–100	eightfold screwed
<b>Operating pressure</b>	
DN 25–50	up to 33 bar *
DN 65	up to 33 bar
DN 80	up to 33 bar
DN 100	up to 33 bar
<b>Operating temperature</b>	
Continuous operation:	up to 120 °C
Cleaning:	approx. 85 °C
Sterilisation:	150 °C (short-term) depending on sealing material
<b>Control air</b>	5.5–8 bar (lower control air pressures upon request)

\* with EPDM against closed shut-off valve

manual or  
pneumatic actuation

low-wear seal

eightfold-screwing  
(DN80/100)



## Reinforced shut-off valve: for additional safety

