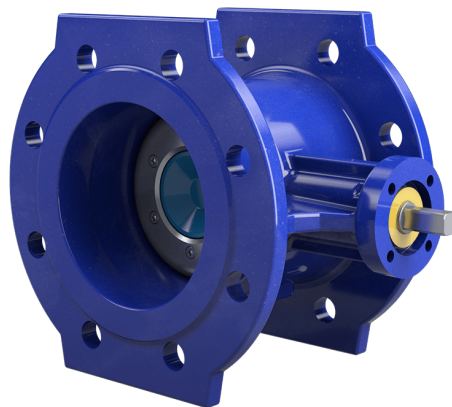


# TZ01

The TZ01 is our double eccentric butterfly valve. The specially developed dynamic seal is self-pressing and adapts to system pressure. Only as much system pressure is generated from the seal on the seat as is necessary for the drip-tight seal, due to the respective operating pressure at the time. This results in a minimal amount of torque required for actuation. The special shape of the seal means the direction of pressure can come from both sides.



# Double eccentric butterfly valve

Design

---

## Double flange body

Case shape

---

**100 – 400 mm**

Nominal sizes

---

## Ductile iron

Material

---

**0 – 16 bar**

Pressure rating

---

**PN10, PN16**

Flange drilling

---

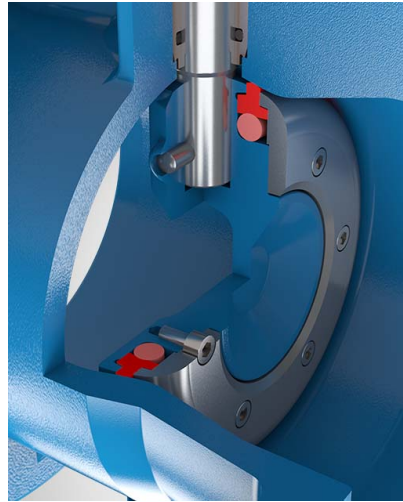
**EN 558 series 14**

Face to face dimension

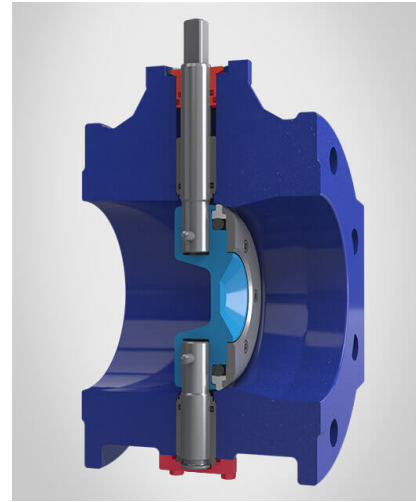
---



Due to the special shape of the seal, the pressure direction is possible from both sides.



Thanks to a patented self-pressing process, the seal on the seat only generates as much initial pressure as is necessary for a drop-tight shut-off.



The secondary shaft seals on both sides can easily be replaced, without requiring service interruption or further dismantling.

## **MATERIAL OF CONSTRUCTION**

<b>Part</b>	<b>Ductile iron</b>
Body	EN-GJS-400-15
Disc	EN-GJS-400-15
Seal	EPDM
Shaft	1.4104
Shaft bearing	Zinc free bronze 2.1090

---

Other materials upon request

## **CORROSION PROTECTION**

Body	Email
Disc	EKB coat
Screw	1.4404

---

## ACTUATORS



**Manual gearbox**

---



**Pneumatic actuator**


---





**Electric actuator**

---

**CONTACT US FOR  
YOUR TAILOR-MADE  
SOLUTION.**

 Contact

 +41 41 449 99 44

 [rfq@weyvalve.ch](mailto:rfq@weyvalve.ch)