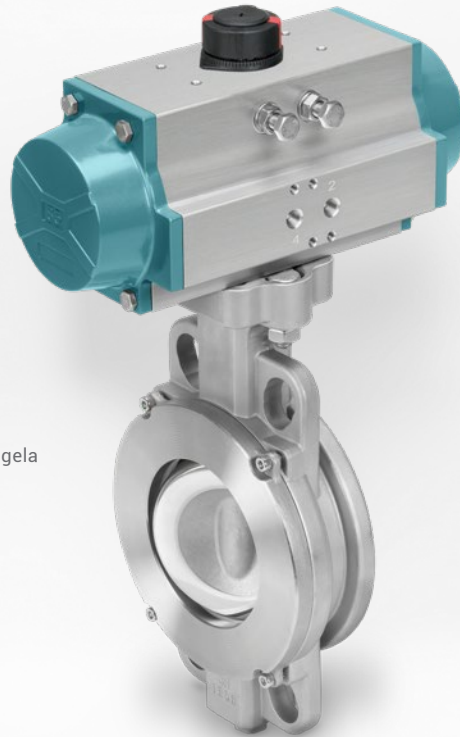




GEMÜ R477 Tugela



GEMÜ R471 Tugela



GEMÜ R478 Tugela

Double-eccentric butterfly valve GEMÜ R470 Tugela series

Areas of application

- Chemical processes
- Foodstuffs and beverages
- Industrial water treatment
- Mechanical engineering and processing industries
- Pharmaceutical, biotechnology and cosmetics industries
- Cooling and heating circuits

Features

- Excellent sealing at high pressures and high temperatures
- High quality and long service life
- Low maintenance requirements when installed
- Reduced torque thanks to the double-eccentric structure
- Anti-static fixtures for the ATEX sector

Description

The double-eccentric butterfly valves from the metal GEMÜ R470 Tugela series are available in nominal sizes DN 50 to 600 in a wafer body version with TFM sealing. There are various actuator variants available:

- Bare shaft: GEMÜ R470 Tugela
- Pneumatic: GEMÜ R471 Tugela
- Manual: GEMÜ R477 Tugela
- Motorized: GEMÜ R478 Tugela

Technical specifications

- Media temperature:
-10 to 230 °C
- Operating pressure:
0 to 40 bar
- Nominal sizes:
DN 50 to 600
- Connection types:
Class 150 PN 10, PN 16
Class 300 PN 25, PN 40
- Body materials:
Stainless steel 1.4408, A351-CF8M 316L
Cast steel 1.0619, ASTM A216 WCB
- Disc materials:
Stainless steel 1.4408, A351-CF8M 316L
Super duplex 1.4469
- Shaft materials:
1.4542 ASTM 564 630
Duplex 1.4462 ASTMA182 F51
- Liner materials:
PTFE TFM^(TM)
- Conformities:
FDA | ATEX

Technical information depending on the respective configuration - see datasheet or Product Selection Tool.

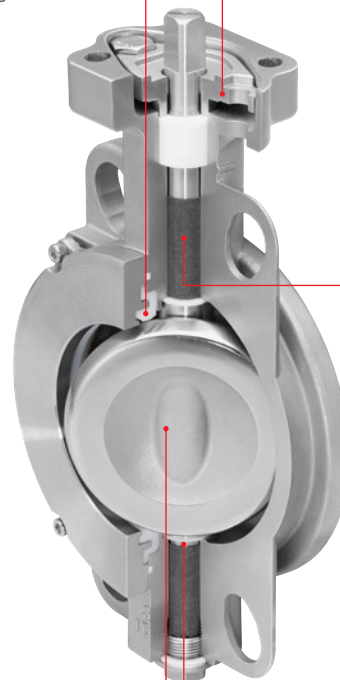
TFM^(TM) is a registered trademark of Dyneon/3M Company.

resistant

TFM sealing ring with excellent properties for chemical applications

reliable

Clamping system with a coaxial control ring for sealing



wear-optimized

Spindle protected by temperature-resistant, copper-alloyed bush

high-quality

Spherical surfaces for improved mechanical behaviour under temperature and pressure fluctuations

durable

Minimized friction of the disc thanks to double-eccentric structure