

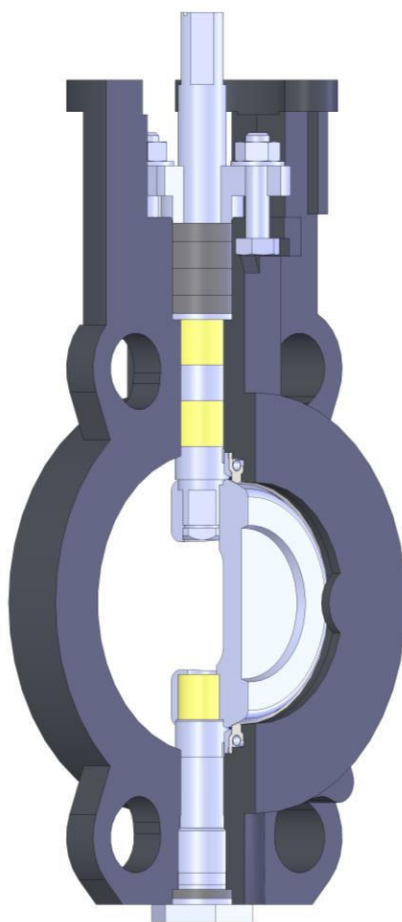
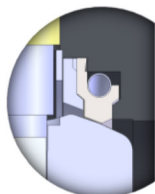
# T-TECH

## BITUMINOUS BINDERS

Dedicated to road equipment, B-TECH is the technical solution for asphalt plants, emulsion plants or binders' storage.

### TECHNOLOGY

Double Offset



- ✓ Plate **standardised** in accordance with EN-ISO 5211
- ✓ **Adjustable stuffing box**
- ✓ **Graphite packing**
- ✓ **Treaded bearings, without any maintenance**
- ✓ **Replacable seat for an easy maintenance**
- ✓ **Mechanical stop closure for seat protection**



Profiled disc for an **increased flow rate coefficient (\*)**

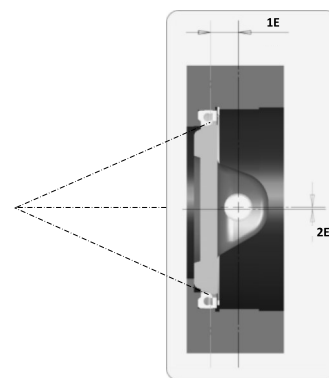


100% product testing to **guarantee performance**

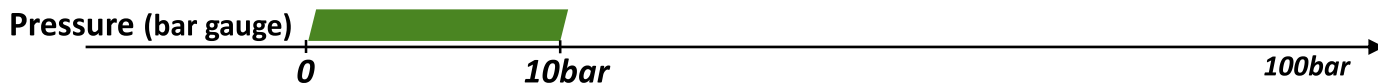


A **premium service** through customer liaison and technical assistance

(\*) Depending on operating conditions, **important annual energy savings**



### PERFORMANCES



The maximum pressures and temperatures depend on the pressure/temperature relationship and type of fluid.

## CONSTRUCTION

<b>Body</b>	Carbon steel	
<b>Seat</b>	R-PTFE with 25% glass fibre	
<b>Disc</b>	Stainless steel A351 CF8M (DN50 to 125) – Stainless steel X21Cr13 (DN150 to 200)	
<b>Packing</b>	Graphite	
<b>Body type</b>	Wafer	Lug
<b>Operation type</b>	Aluminium hand lever, manual gear box, pneumatic and electric actuators	

### Design

- Designed in accordance with standard EN 593
- Face to face in accordance with standard EN 558+A1 base 20
- RF flange faces in accordance with standard EN 1092-1

### Seal

- In accordance with standard EN 12266-1 Rate A

### Approval

- PED 2014/68/UE



### Main options

- ATEX construction
- Stainless steel A351 CF8M body
- Relief valve
- Order conformity certificate / material certificate / pressure test report in accordance with standard EN 10204 types 2.1, 2.2 and 3.1



Wafer



Lug



## CHARACTERISTICS

Components	Material	Description	Benefit
<b>Body</b>	A216 WCB	Excellent mechanical strength and corrosion resistant primary coating.	Increased safety for personnel and equipment
<b>Seat</b>	R-PTFE	Reinforced PTFE, R-PTFE, is a polymer which is essentially chemically inert and offers high temperature resistance.	Durable performance Corrosion resistance
<b>Disc</b>	A351 CF8M X21Cr13	These stainless steel grades have strong resistance to corrosion and extreme temperatures. CF8M is suited to food applications.	Large application range
<b>Stem and Pivot</b>	1.4021 / 1.4028 (Stainless Steel 13% Cr)	Stems and pivots benefit from the excellent mechanical and corrosion resistance of these grades of stainless steels.	Lasting integrity of the shaft line
<b>Packing</b>	GRAPHITE	This mineral material ensures perfect tightness.	Durable tightness
<b>Bearings</b>	THERMOPLASTIC COMPOSITE	Corrosion resistance and high operating cycles with zero maintenance.	Torque stability



Energy savings

19%

Average increase Kv coefficient compared to one-piece shaft design.