

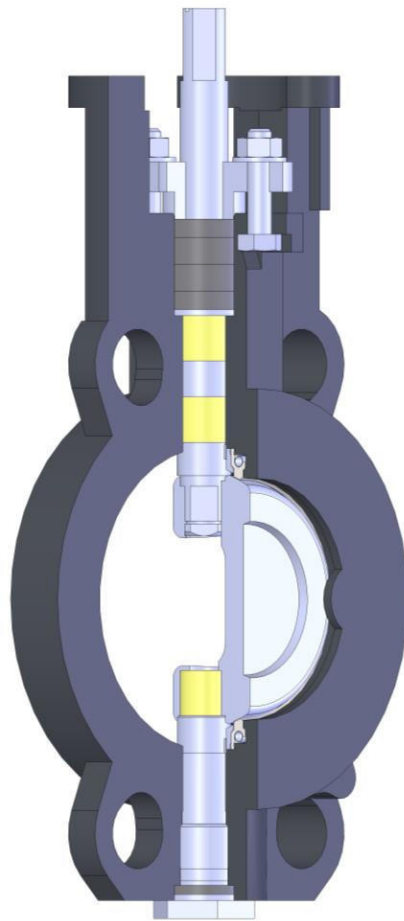
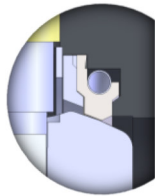
# L-TECH

## GENERAL CIRCUITS

Our double offset butterfly valve L-TECH is the solution to temperature and pressure constraints, ensuring reliability and allowing operational savings.

### 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 (\*)**

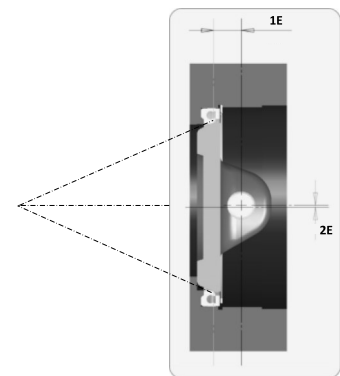


100% product testing to **guarantee performance**



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		Stainless steel	
<b>Seat</b>	R-PTFE with 25% glass fibre		R-PTFE with 25% glass fibre	
<b>Disc</b>	SS A351 CF8M (DN50 to 125) – SS X21Cr13 (DN150 to 400)		Stainless Steel A351 CF8M	
<b>Packing</b>	Graphite		Graphite	
<b>Body type</b>	Wafer	Lug	Wafer	Lug
<b>Operation type</b>	Aluminium hand lever and manual gear box			

### Design

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

### Seal

- In accordance with standard EN 12266-1 Rate A

### Approval

- PED 2014/68/UE

### Main options

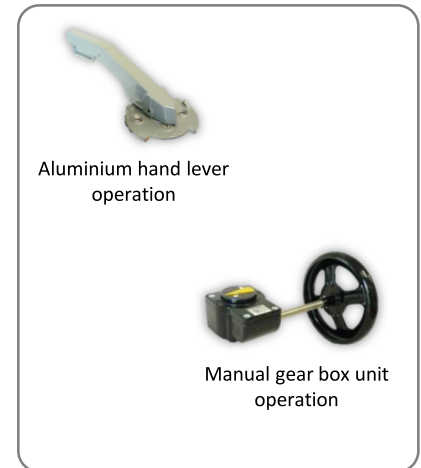
- Order conformity certificate / pressure test certificate in accordance with standard EN 10204 type 2.1



Wafer



Lug



Aluminium hand lever operation



Manual gear box unit operation

## CHARACTERISTICS

Components	Material	Description	Benefit
<b>Body</b>	A216 WCB	<b>Excellent mechanical strength</b> and <b>corrosion resistant primary coating.</b>	<b>Increased safety for personnel and equipment</b>
	A351 CF8M	<b>Excellent corrosion resistance</b> and <b>low temperature resistance.</b> This stainless steel grade permits <b>food industry applications.</b>	
<b>Seat</b>	R-PTFE	Reinforced PTFE, R-PTFE, is a polymer which is essentially <b>chemically inert</b> and offers <b>high temperature resistance.</b>	<b>Durable performance</b> <b>Corrosion resistance</b>
<b>Disc</b>	A351 CF8M X21Cr13	These stainless steel grades have <b>strong resistance to corrosion and extreme temperatures.</b> <b>CF8M</b> is suited to <b>food applications.</b>	<b>Large application range</b>
<b>Stem and Pivot</b>	1.4021 / 1.4028 (Stainless Steel 13% Cr) 1.4542 (17-4-PH)	Stems and pivots benefit from the <b>excellent mechanical and corrosion resistance</b> of these grades of stainless steels.	<b>Lasting integrity of the shaft line</b>
<b>Packing</b>	GRAPHITE	This mineral material ensures <b>perfect tightness.</b>	<b>Durable tightness</b>
<b>Bearings</b>	THERMOPLASTIC COMPOSITE	<b>Corrosion resistance</b> and <b>high operating cycles with zero maintenance.</b>	<b>Torque stability</b>



**Energy savings**

**19%**

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