

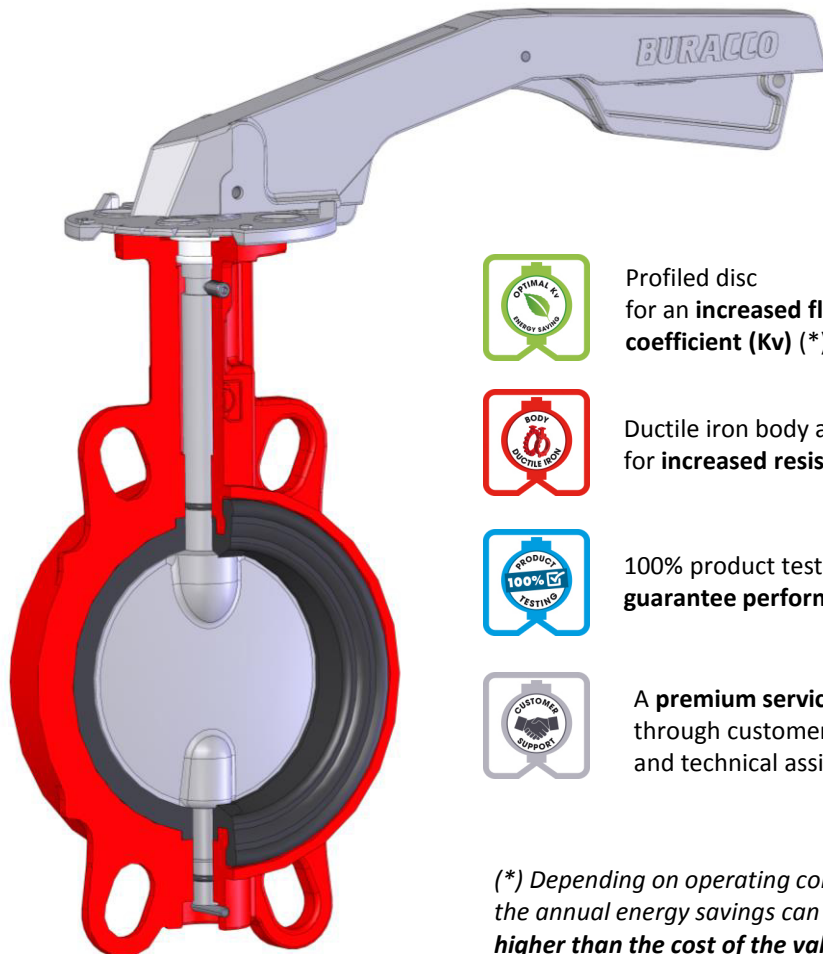
# ACSI-LINE

**ACS APPROVED VALVE**

ACSI-LINE butterfly valves are specially designed for applications that call for ACS conformity. They are widely used for drinking water distribution, domestic water systems and food packaging.

## TECHNOLOGY

- ✓ **Notched** aluminium hand lever, can be **locked out**, ergonomic design
- ✓ Plate **standardised** in accordance with EN-ISO 5211
- ✓ **Epoxy** coated body for an **excellent corrosion resistance**
- ✓ Non-ejectable stem for **optimum security**
- ✓ High collar for insulation
- ✓ Hollow neck to **prevent seizing**
- ✓ Seat anchored in the body and self-centering disc guarantee a **low and constant torque** and a **durable seal**
- ✓ Moulding and spherical machining of the seat / valve body contact zone for a **perfect seal**
- ✓ Seat bossed at valve stems to eliminate the risk of external leaks
- ✓ Secondary O-rings for **additional safety**



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



Ductile iron body as standard for **increased resistance**



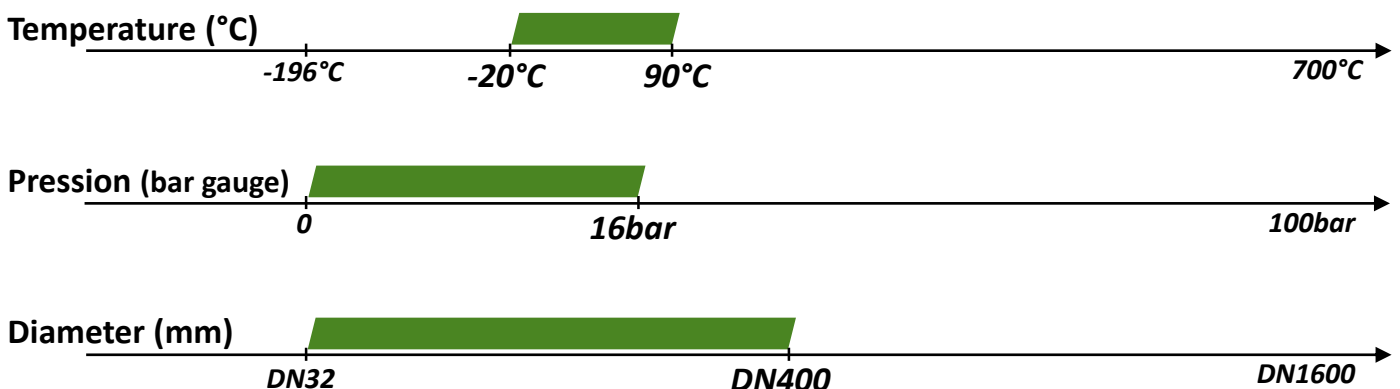
100% product testing to **guarantee performance**



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

*(\*) Depending on operating conditions, the annual energy savings can be higher than the cost of the valve.*

## PERFORMANCE



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

## CONSTRUCTION

<b>Body</b>	DUCTILE IRON ENJS1030 + EPOXY	
<b>Liner</b>	EPDM ACS	
<b>Disc</b>	STAINLESS STEEL A351 CF8M	
<b>Body type</b>	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

### Seal

- In accordance with standard EN 12266-1 Rate A

### Approvals

- PED 2014/68/UE
- Certificate of Sanitary Conformity N°13 ACC LY 454



Wafer



Lug



Aluminium hand lever operation



Manual gear box unit operation

## CHARACTERISTICS

Components	Material	Description	Benefit
<b>Body</b>	DUCTILE IRON ENJS1030	Spheroidal graphite ductile iron has a <b>superior mechanical strength</b> than lamellar graphite cast iron.	<b>Increased safety for personnel and equipment</b>
<b>Coating</b>	EPOXY	The EPOXY coating guarantees <b>excellent corrosion resistance</b> .	<b>Maintains product integrity and facilitates cleaning</b>
<b>Liner</b>	EPDM ACS	This elastomer has a <b>Certificate of Sanitary Conformity</b> .	<b>Regulatory compliance</b>
<b>Disc</b>	ASTM A351 CF8M	This grade of stainless steel has <b>excellent corrosion resistance</b> and meets requirements for the food industry.	<b>Uncoated stainless steel that releases no impurities during operation</b>
<b>Stem and Pivot</b>	1.4021 / 1.4028 (Inox 13% Cr)	The shafts have <b>excellent mechanical strength</b> and benefit from corrosion resistance of 13% Cr stainless steel.	<b>Lasting integrity of the shaft line</b>
<b>Bearing ring</b>	THERMOPLASTIC	Plastomers are <b>insensitive to corrosion</b> and have good mechanical strength.	<b>Improved shaft coaxiality</b>



**Energy Savings**

**37%**

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