

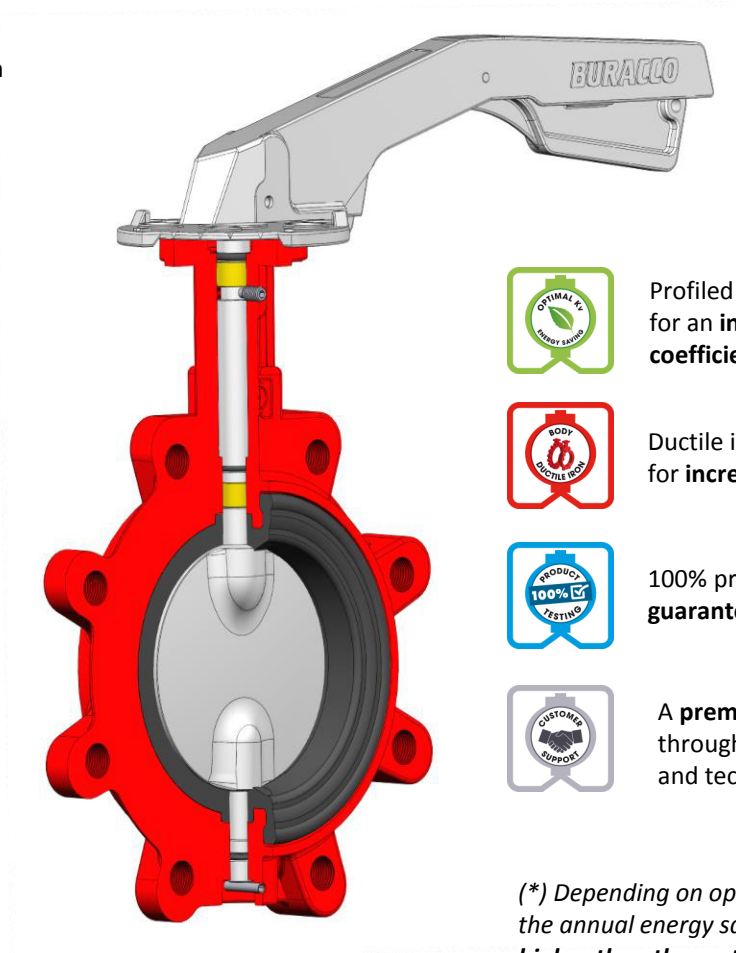
SERVI-LINE

GENERAL SERVICES VALVE

Our SERVI-LINE butterfly valves are specially designed for industrial general services. With 130 years experience in this field, and with our continuous development efforts, Buracco guarantees reliability, perfect shut-off, durability as well as significant energy savings.

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**
- ✓ **Self-lubricating bearings** for an **ideal shaft coaxiality** and **optimized torque**
- ✓ 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

Body	DUCTILE IRON ENJS1030 + EPOXY							
Liner	EPDM High Temperature				NBR			
Disc	DUCTILE IRON ENJS1030 + EPOXY		STAINLESS STEEL A351 CF8M		DUCTILE IRON ENJS1030 + EPOXY		STAINLESS STEEL A351 CF8M	
Body type	Wafer	Lug	Wafer	Lug	Wafer	Lug	Wafer	Lug
Operation type	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

Seal

- In accordance with standard EN 12266-1 Rate A

Approvals

- PED 2014/68/UE

Main options

- ATEX construction
- Order conformity certificate / material certificate / pressure test certificate in accordance with standard EN 10204 types 2.1, 2.2 and 3.1
- ...



Wafer



Lug



Aluminium hand lever operation

Electric actuator

Manual gear box unit operation

Pneumatic actuator

CHARACTERISTICS

Components	Material	Description	Benefit
Body	DUCTILE IRON ENJS1030	Spheroidal graphite ductile iron has a superior mechanical strength than lamellar graphite cast iron.	Increased safety for personnel and equipment
Coating	EPOXY	The EPOXY coating guarantees excellent corrosion resistance .	Maintains product integrity and facilitates cleaning
Liner	EPDM HT	Elastomer specially formulated for high temperature applications .	Optimized liner selection for durable performance
	NBR	This elastomer has strong resistance to oils and gases .	
Disc	DUCTILE IRON ENJS1030 + EPOXY	Assembly having the mechanical properties of ductile iron and the chemical protection of EPOXY.	Cost effective
	ASTM A351 CF8M	This grade of stainless steel has excellent corrosion resistance .	Uncoated stainless steel
Stem and Pivot	1.4021 / 1.4028 (Inox 13% Cr)	The shafts have excellent mechanical strength and benefit from corrosion resistance of 13% Cr stainless steel.	Lasting integrity of the shaft line
Bearings	COMPOSITE THERMOPLASTIC	Corrosion resistant, self-lubricating bearings with excellent mechanical characteristics	Torque stability and lasting of the shaft line



Energy savings

33%

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