

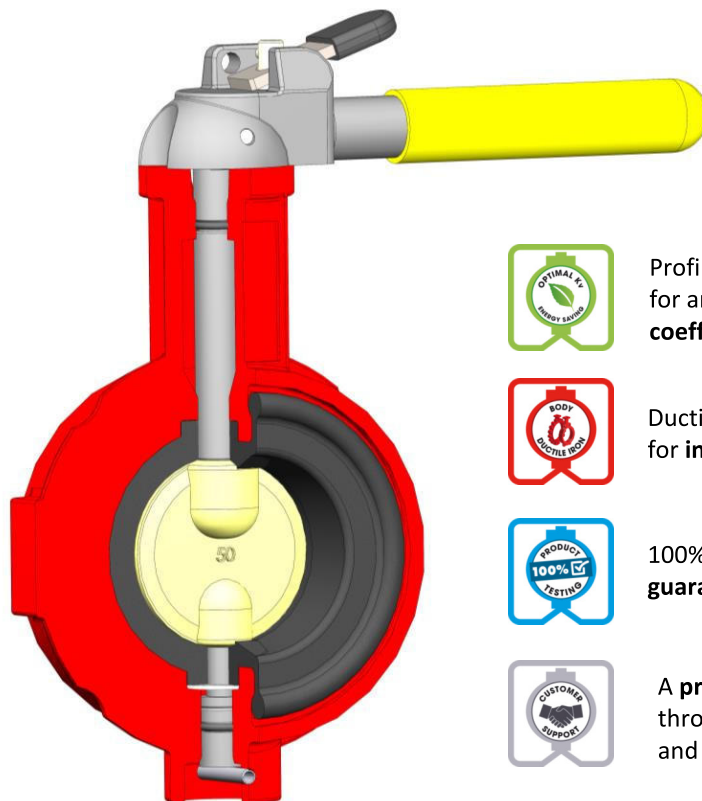
MINI-GAZ

COMPACT GAS CERTIFIED VALVE

Our GAS SERIES of butterfly valves are certified for gas distribution networks. Our MINI-GAZ version is specially designed for installing in regulating stations and for any application that calls for a compact size.

TECHNOLOGY

- ✓ **Yellow** 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**



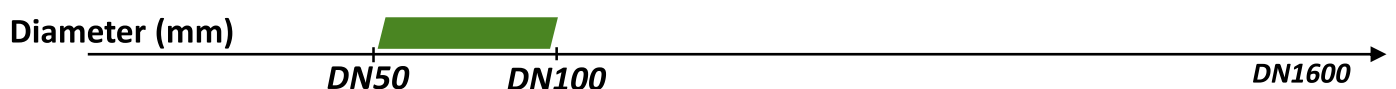
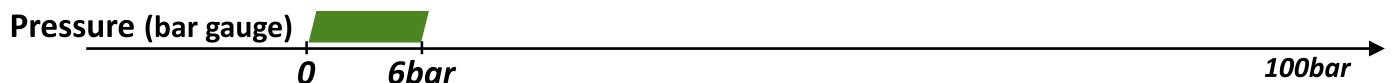
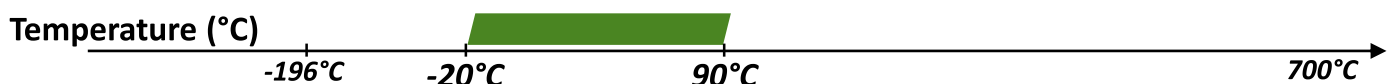
100% product testing to **guarantee performance**



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

| | | |
|-----------------------|-------------------------------|---------------|
| Body | DUCTILE IRON ENJS1030 + EPOXY | |
| Liner | NBR | EPICHLORYDRIN |
| Disc | BRASS | BRASS |
| Body type | No lugs | No lugs |
| Operation type | Compact aluminium hand lever | |

Design

- Designed in accordance with standard EN 593
- Face-to-face in accordance with standard EN 558+A1 base 20

Seal

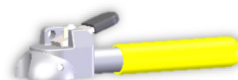
- In accordance with standard EN 12266-1 Rate A

Approvals

- PED 2014/68/UE
- Certificates NF ROB-GAZ 061 and NF ROB-GAZ 116, CERTIGAZ



No lugs



Operated by compact aluminium hand lever

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 | NBR | This elastomer has good resistance to gases . | Durable seal |
| | EPYCHLORYDRIN | This elastomer has good resistance to gases at low temperatures . | Durable seal |
| Disc | BRASS | Brass has an excellent corrosion resistance . | Uncoated brass |
| 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 |
| Bearing ring | THERMOPLASTIC | Plastomers are insensitive to corrosion and have good mechanical strength. | Improved shaft coaxiality |
| Hand lever | ALUMINIUM | The compact aluminium lever is light, can be locked out and has a yellow handle . | CERTIGAZ compliant |



Energy Savings

45%

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